

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

SEPTEMBER 9, 1977

The meeting of the State Board of Technical Registration was called to order by Dr. R. A. Jimenez, Chairman, in Room 113, 1645 W. Jefferson, Phoenix, Arizona, Friday, September 9, 1977, at 9:05 A.M.

PRESENT

R. A. Jimenez, Chairman
 Sam Caruso, Vice-Chairman
 F. Mark Edson, Secretary
 Wayne O. Earley
 Rod J. Gomez
 Kemper Goodwin
 Charles E. O'Bannon
 Patrick H. Porcarello
 John B. Trimble
 Michael W. Sillyman, Asst. Atty. Gen.

ABSENT

It was moved by Mr. Porcarello and seconded by Mr. Edson that the minutes of the regular meeting of the Board on June 17, 1977, be approved as presented. Motion carried.

It was moved by Mr. Edson and seconded by Mr. O'Bannon that the minutes of the special meeting of the Board on July 15, 1977, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE RULES & BY-LAWS COMMITTEE

The public hearing for the proposed adoption of Rule R4-30-04, Rehearing or Review of Decision, was held at 1:30 P.M. There were no persons present to present statements, arguments or contentions or no correspondence received regarding this proposed change in the regulations.

It was moved by Mr. Goodwin and seconded by Mr. Trimble that R4-30-04, Rehearing or Review of Decision, as shown on Minute Pages 3883 and 3884, be adopted subject to certification by the Attorney General. Motion carried.

REPORT OF THE LEGISLATIVE COMMITTEE

No report.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

Letters from Francisco W. Kessler and R. Michael Fancher, architectural applicants were presented to the Board. Both applicants had requested waiver of the architectural design and site planning examination. Mr. Edson and Mr. Goodwin explained to the Board these gentlemen had passed the Professional Examination only in their basic state of residence and the committee had held them for the

REPORT OF THE RULES AND BY-LAWS COMMITTEE

The Rules and By-Laws Committee proposes the addition of the following rule to Article 1, General Provisions, for adoption by the Board:

R4-30-04. Rehearing or Review of Decision

A. Except as provided in subsection G, any party in a contested case before the State Board of Technical Registration who is aggrieved by a decision rendered in such case may file with the Board, not later than ten (10) days after service of the decision, a written motion for rehearing or review of the decision specifying the particular grounds therefor. For purposes of this subsection a decision shall be deemed to have been served when personally delivered or mailed by certified mail to the party at his last known residence or place of business.

B. A motion for rehearing under this rule may be amended at any time before it is ruled upon by the Board. A response may be filed within ten (10) days after service of such motion or amended motion by any other party. The Board may require the filing of written briefs upon the issues raised in the motion and may provide for oral argument.

C. A rehearing or review of the decision may be granted for any of the following causes materially affecting the moving party's rights:

1. Irregularity in the administrative proceedings of the agency or its hearing officer or the prevailing party, or any order or abuse of discretion, whereby the moving party was deprived of a fair hearing;

2. Misconduct of the Board or its hearing officer or the prevailing party;

3. Accident or surprise which could not have been prevented by ordinary prudence;

4. Newly discovered material evidence which could not with reasonable diligence have been discovered and produced at the original hearing;

5. Excessive or insufficient penalties;

6. Error in the admission or rejection of evidence or other errors of law occurring at the administrative hearing;

7. That the decision is not justified by the evidence or is contrary to law.

D. The Board may affirm or modify the decision or grant a rehearing to all or any of the parties and on all or part of the issues for any of the reasons set forth in subsection C. An order granting a rehearing shall specify with particularity the ground or grounds on which the rehearing is granted, and the rehearing shall cover only those matters so specified.

Continued....

E. Not later than ten (10) days after a decision is rendered, the Board may on its own initiative order a rehearing or review of its decision for any reason for which it might have granted a rehearing on motion of a party. After giving the parties or their counsel notice and an opportunity to be heard on the matter, the Board may grant a motion for rehearing for a reason not stated in the motion. In either case the order granting such a rehearing shall specify the grounds therefor.

F. When a motion for rehearing is based upon affidavits, they shall be served with the motion. An opposing party may within ten (10) days after such service serve opposing affidavits, which period may be extended for an additional period not exceeding twenty (20) days by the Board for good cause shown or by written stipulation of the parties. Reply affidavits may be permitted.

G. If in a particular decision the Board makes specific findings that the immediate effectiveness of such decision is necessary for the immediate preservation of the public peace, health and safety and that a rehearing or review of the decision is impracticable, unnecessary or contrary to the public interest, the decision may be issued as a final decision without an opportunity for a rehearing or review. If a decision is issued as a final decision without an opportunity for rehearing, any application for judicial review of the decision shall be made within the time limits permitted for applications for judicial review of the Board's final decisions.

H. For purposes of this section the terms "contested case" and "party" shall be defined as provided in A.R.S. 41-1001.

I. To the extent that the provisions of this rule are in conflict with the provisions of any statute providing for rehearing of decisions of the State Board of Technical Registration such statutory provisions shall govern.

The purpose of this adoption is to comply with A.R.S. 41-1010 which makes it mandatory for all agencies subject to the Administrative Procedures Act to provide an opportunity for a rehearing or review of any agency decision before it becomes final.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES - Cont'd.

design and site planning examination as this is one of the requirements to be completed by all applicants before registration can be granted. At the annual meeting of the National Council of Architectural Registration Boards a resolution was passed which made this examination together with the Professional Examination a requirement for registration.

Mr. Edson presented the Architectural Evaluation Committee meeting report of August 11 and 12, 1977, as shown on Minute Pages 3886, 3887 and 3888. It was moved by Mr. Edson and seconded by Mr. Porcarello that this report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Earley presented the Landscape Architectural Evaluation Committee meeting report of August 11, 1977, as shown on Minute Pages 3889 and 3890. It was moved by Mr. Earley and seconded by Mr. Edson that this report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. David K. Weeks, Civil Engineer applicant, appeared before the Board requesting reconsideration of the Engineering Evaluation Committee's recommendation that his application be denied. Mr. Weeks passed out a resume of his experience to the Board as he felt that on his application he had submitted that it leaned more to his land surveying experience (he is a registered as a land surveyor) instead of his engineering experience. Mr. O'Bannon asked Mr. Weeks to explain more fully his duties with Shell Oil Company and after explanation of his work and discussion of his total time, it was moved by Mr. O'Bannon and seconded by Mr. Earley that Mr. Weeks be held for Parts 3 and 4 of the civil engineering examination. Motion carried.

Mr. Robert K. Sisley, Civil Engineer applicant, appeared before the Board requesting reconsideration of the Engineering Evaluation Committee's recommendation that his application be denied. In explaining his experience which had been mostly in construction as project engineer, he stated that he believed he spent 20% of his time in engineering. He did not have a registered engineer supervising him during the 42 months at Ruck Construction Co., but Mr. Lang could attest to this experience. After attempting to analyze Mr. Sisley's experience in total time and design, it was moved by Mr. Gomez and seconded by Mr. Trimble that Mr. Sisley be held for Parts 3 and 4 of the civil engineering examination. Motion did not carry, and the recommendation of the Engineering Evaluation Committee stood.

Letter from Roy Broussard, Mechanical Engineer applicant, requesting reconsideration of the Engineering Evaluation Committee's recommendation that he be held for written examinations was presented. Mr. Gomez explained that Mr. Broussard did not have a degree and had not been registered in any state before, and the committee held him for Parts 1, 2, 3 and 4. It was moved by Mr. Caruso and seconded by Mr. Porcarello that Mr. Broussard's request be denied and the he be held for the written examination. Motion carried.

Mr. Gomez presented the report of the Engineering Evaluation Committee meeting held on August 16, 17, 18 and 19, 1977, as shown on Minute Pages 3891, 3892, 3893 and 3894. It was moved by Mr. Gomez and seconded by Mr. O'Bannon that this report of the Engineering Evaluation Committee meeting, as amended, be accepted and implemented by the Board. Motion carried.

DATE: September 2, 1977

TO: State Board of Technical Registration
 FROM: Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on August 11 and 12, 1977, in Phoenix, Arizona, with the following members present:

- F. Mark Edson
- Kemper Goodwin
- Patrick H. Porcarello

There being a quorum present at all times the committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the committee and satisfied the committee they are fully qualified, including the treatise on seismic forces, to receive architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

| | | | |
|----------------------------|--------|--------------------------|--------|
| Darnell, Wesley Alan | 77-233 | Phipps, William Arthur | 77-282 |
| De Guglielmo, Albert Louis | 77-352 | Richardson, Walter John | 77-367 |
| Deutsch, Bernard | 77-161 | Sakir, Edward | 77-113 |
| Foug, James W. | 77-313 | Samaniego, Eduardo Jose | 77-330 |
| Froehlich, Arthur | 77-304 | Shuler, Paul Edwin | 77-294 |
| Grove, Frederick Leon | 77-272 | Smutny, Robert Frank | 77-84 |
| Lorimer, David T. | 77-190 | Todd, Douglas Irwin | 77-406 |
| Marter, Howard R. | 77-238 | Varner, Marion Jesse | 77-378 |
| Myklebust, John Arthur | 77-405 | Worthington, Carl August | 77-312 |
| Nalbandian, John V. | 77-115 | | |

- II. The following applicants having appeared before the committee, while completing their personal audience interview, need demonstration of additional evidence of their proficiency, A.R.S. 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the December, 1977, and June, 1978, examinations:

| | | |
|-------------------------|--------|---------------------------|
| Bicas, Enrique Bernardo | 76-462 | Full Qual. & Professional |
| Fancher, Robert Michael | 77-359 | E,F of Qual. |
| Kessler, Francisco W. | 77-249 | E,F of Qual. |
| Pujadas, Jose Cristobal | 77-224 | Full Qual. & Professional |

- III. The following applicants appeared before the committee and the evaluation of their application determined that they should be denied for lack of experience of a character satisfactory to the Board under A.R.S. 32-123.A with the refund as shown:

| | | |
|------------------------------|--------|---------|
| Gansline, William Royal | 77-211 | \$10.00 |
| Shannon, Mark Hollis | 77-281 | \$10.00 |
| Woodward, James William, Jr. | 77-329 | \$10.00 |

IV. The following applicant having been advised twice he was scheduled to appear before the committee and for his failure to do so, the committee recommends he be denied for failure to complete the requirements of the Board within a reasonable length of time:

Bicas, Samuel S. 76-465

V. The Architectural Examination Committee met on August 12, 1977, and reviewed the results of the Architectural Design & Site Planning examination given in June, 1977. The committee recommends that the results as shown on the page following this report be certified.

The committee recommends to the Board that Recommendations I through V of this report be accepted and implemented.

Respectfully submitted,

F. Mark Edson, Chairman

| | | | | | |
|--------|------------------------------|------|--------|------------------------|------|
| 76-101 | Agiles, Edward S. | Fall | 77-124 | Walters, James Howard | Pass |
| 76-102 | Adams, George M. | Fall | 77-125 | Yancy, Dorothy Jean | Fall |
| 76-103 | Altschuld, George E. | Fall | | | |
| 76-104 | Armsstrong, Michael W. | Fall | | | |
| 76-105 | Buller, Russell Paul | Fall | | | |
| 76-106 | Brigley, David Scott | Fall | | | |
| 76-107 | Bulcher, Thomas W. | Pass | | | |
| 76-108 | Richard, Kenneth J. | Fall | | | |
| 76-109 | Byatt, Thure E. | Pass | | | |
| 76-110 | Johnson, Kenneth W. | Fall | | | |
| 76-111 | Callie, Tracy James | Fall | | | |
| 76-112 | Chen, Christopher Lee | Fall | | | |
| 76-113 | Chapman, Joseph Robert | Fall | | | |
| 76-114 | Carr, Kenneth D. | Pass | | | |
| 76-115 | Cochran, Robert Anthony, Jr. | Fall | | | |
| 76-116 | Cramer, Carole | Pass | | | |
| 76-117 | Croft, William S. | Fall | | | |
| 76-118 | Darwin, Douglas Neil | Pass | | | |
| 76-119 | Dubinsky, William L. | Fall | | | |
| 76-120 | Dutton, David A. | Pass | | | |
| 76-121 | Edison, Phillip James | Fall | | | |
| 76-122 | Evaller, George F. | Pass | | | |
| 76-123 | Fox, Richard L. | Pass | | | |
| | | | | ARCHITECTS-IN-TRAINING | |
| | | | 77-9 | Abell, James Logan | Pass |
| | | | 77-11 | Adams, D. Oscar E. | Fall |
| | | | 77-7 | Beasley, Robert | Fall |
| | | | 77-16 | Briggs, Ronald Lee | Pass |
| | | | 77-19 | Corn, Gilbert A., Jr. | Fall |
| | | | 77-18 | Cox, Hal R. | Fall |
| | | | 77-5 | Dawson, Bruce L. | Fall |
| | | | 77-15 | Wiggins, Joseph E. | Fall |
| | | | 77-12 | Hopkins, William David | Fall |
| | | | 77-4 | Jenkins, Billy E. | Fall |
| | | | 77-1 | King, Susan Brian | Fall |
| | | | 76-8 | Lockhart, Brian | Fall |
| | | | 77-11 | Henson, Charles Ewan | Pass |
| | | | 77-4 | Ward, William S., IV | Fall |
| | | | 77-17 | Wright, David Lamar | Fall |
| | | | 76-7 | Wolf, Arnold | Fall |
| | | | 77-5 | Saba, Gary R. | Fall |
| | | | 76-110 | Schmitt, David Lee | Fall |
| | | | 77-6 | Tilton, Margaret Ann | Fall |
| | | | 76-5 | Taborca, Genie J. | Fall |
| | | | 76-8 | Wagner, Paul Walter | Fall |
| | | | 77-20 | Waters, Peter M. | Fall |
| | | | 77-14 | Wong, Robin Fung-Ling | Pass |
| | | | 76-14 | Young, Jerry Irving | Fall |

JUNE, 1977 QUALIFYING EXAM
ARCHITECTURAL DESIGN & SITE PLANNING

ARCHITECTS

| No. | Name | Sec. F | No. | Name | Sec. F |
|----------|---------------------------|--------|----------|------------------------|--------|
| 77-157 | Anderson, Steven Clark | Pass | * 75-412 | Stichler, Ronald A. | Pass |
| * 75-332 | Baker, George Harvey | Pass | * 74-10 | Van Dyke, Glen W. | Pass |
| 71-414 | Biddle, Warren Robert | Fail | 76-455 | Vogt, Kenneth James | Pass |
| 76-459 | Call, Dennis Aaron | Pass | 77-114 | Walzer, Mitchell B. | Fail |
| 75-104 | Christensen, Danny D. | Fail | 77-163 | Watson, James Richard | Pass |
| 76-589 | Connick, Stan Jay | Fail | 77-134 | Wilson, James Marvin | Pass |
| 76-470 | Davis, Dean Leigh | Fail | 77-168 | Yates, Dennis Dean | Fail |
| 73-84 | Dixon, Charles W. | Fail | | | |
| 77-180 | Dooling, David Paul | Fail | | ARCHITECTS-IN-TRAINING | |
| 77-132 | Duff, Berry Noel | Fail | 77-9 | Abell, James Logan | Pass |
| 75-201 | Fagin, Edward A. | Fail | 77-21 | Balbuena, D. Oscar R. | Fail |
| 77-167 | Famous, George W. | Fail | 77-7 | Bellamy, Karen | Fail |
| 76-385 | Fischbach, George T. | Fail | 77-16 | Briggs, Ronald Lee | Pass |
| 77-199 | Frerking, Michael H. | Fail | 77-19 | Comon, Gilbert A., Jr. | Fail |
| 75-331 | Fuller, Newell Judd | Fail | 77-14 | Cox, Val M. | Fail |
| 76-391 | Grigsby, David Cecil | Fail | 77-3 | Dawson, Bruce L. | Fail |
| * 76-367 | Guinther, Thomas W. | Pass | 77-15 | Higgins, Joseph H. | Fail |
| 75-98 | Hubbard, Kenneth J. | Fail | 77-12 | Hopkins, William David | Fail |
| * 76-414 | Hyatt, Duane G. | Pass | 77-8 | Jenkins, Dale E. | Pass |
| 75-511 | Johnson, Kenneth W. | Fail | 77-1 | King, Myson Brian | Fail |
| 76-448 | Kelly, Tommy James | Fail | 76-8 | Lockhart, Brian | Fail |
| 74-52 | Koch, Christopher Lee | Fail | 77-11 | Mansur, Charles Thom | Pass |
| 71-318 | Kopecek, Josef Robert | Fail | 77-4 | Nord, William C., IV | Fail |
| * 76-218 | Kunz, Kenneth J. | Pass | 77-17 | Oliver, David Lamar | Fail |
| 76-116 | Lewis, Robert Ansley, Jr. | Fail | 76-7 | Roy, Arnold | Fail |
| 77-154 | Mogro, Carlos | Pass | 77-5 | Saba, Gary M. | Fail |
| 76-134 | Otwell, William S. | Fail | 75-110 | Schmitt, David Leo | Fail |
| * 77-223 | Peterson, Douglas Neil | Pass | 77-6 | Tilton, Webster, III | Fail |
| 73-212 | Podolsky, William I. | Fail | 75-5 | Tuberty, Dennis J. | Fail |
| * 76-173 | Potter, David A. | Pass | 76-9 | Wagner, Paul Walter | Fail |
| 77-135 | Ralston, Philip Johns | Fail | 77-20 | Weiss, Peter M. | Fail |
| 77-182 | Sheller, George F. | Pass | 77-18 | Wong, Robin Yin-Leung | Pass |
| 77-133 | Six, Richard S. | Pass | 75-44 | Young, Jerry Irving | Fail |

DATE: September 2, 1977

TO: State Board of Technical Registration
FROM: Landscape Architectural Evaluation Committee
SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on August 11, 1977, in Phoenix, Arizona, with the following members present:

F. Mark Edson
Wayne O. Earley
Kemper Goodwin
Patrick H. Porcarello

There being a quorum present at all times the committee reviewed the following applicant and makes to the Board the recommendation shown regarding his professional registration in Arizona:

1. The following applicant having appeared before the committee and satisfied the committee he is fully qualified to receive landscape architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, is hereby recommended for registration:

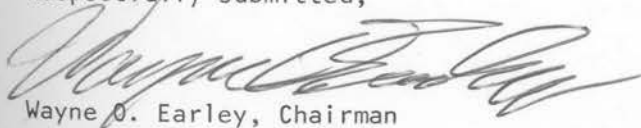
Rothman, Brian Lee

77-229

- II. The Landscape Architectural Examination Committee reviewed the results of the landscape architectural examination given in June, 1977. The committee recommends that the results as shown on the page following this report be certified.

The committee recommends to the Board that Recommendations I and II of this report be accepted and implemented.

Respectfully submitted,



Wayne O. Earley, Chairman

LANDSCAPE ARCHITECTS

| No. | Name | History A | Prof.Prac. B | Design C | Design D | Implem. Passed |
|----------|---------------------|--------------|-----------------|-------------|-------------|-------------------|
| 72-416 | Ashworth, Dean F. | F | P | P | P | |
| * 77-95 | Bell, Michael E. | P | P | P | P | A,B,C,D |
| 76-108 | Duffield, Mary Rose | P | P | P | F | B |
| 76-139 | Nash, James Patrick | P | P | P | F | |
| * 77-112 | Rogers, Walter E. | P | P | P | P | A,B,C,D |
| * 77-8 | Umberger, Martin S. | P | P | P | P | A,B,C,D |

LANDSCAPE ARCHITECTS-IN-TRAINING

| No. | Name | History A | Design C | Passed |
|--------|----------------------|--------------|-------------|--------|
| * 76-2 | Jokerst, Dennis E. | P | P | A |
| 77-3 | Leece, Michael Brian | F | F | |
| * 77-1 | Maguire, David Lloyd | P | P | A,C |
| * 77-2 | Presto, Richard M. | P | P | A,C |

| | | | | |
|--------|----------------------------|--|--|-------|
| 77-39 | Leung, Richard Lee Tung | | | 77-37 |
| 77-47 | Lee, Edward Arnel | | | 77-38 |
| 77-57 | Warren, Mark Steven | | | 77-39 |
| 77-103 | Warner, John R., III | | | 77-40 |
| 77-147 | | | | |
| 77-155 | | | | |
| 77-186 | Price, Charles Edward, Jr. | | | 77-41 |
| 77-204 | | | | |
| 77-212 | | | | |
| 77-253 | Forger, Robert Curtis | | | 77-42 |
| 77-272 | | | | |
| 77-282 | | | | |
| 77-301 | | | | |
| 77-302 | | | | |
| 77-303 | | | | |
| 77-304 | | | | |
| 77-305 | | | | |
| 77-306 | | | | |
| 77-307 | | | | |
| 77-308 | | | | |
| 77-309 | | | | |
| 77-310 | | | | |
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| 77-314 | | | | |
| 77-315 | | | | |
| 77-316 | | | | |
| 77-317 | | | | |
| 77-318 | | | | |
| 77-319 | | | | |
| 77-320 | | | | |

DATE: September 2, 1977

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on August 16, 17, 18 and 19, 1977, in Phoenix, Arizona, with the following members present:

| | |
|---------------|-----------------|
| Sam Caruso | C. E. O'Bannon |
| Rod J. Gomez | John B. Trimble |
| R. A. Jimenez | |

There being a quorum present at all times the committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona.

1. The following applicants having appeared before the committee and satisfied the committee they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

CHEMICAL ENGINEERING

| | |
|------------------------|--------|
| Chapman, Richard Glenn | 77-242 |
|------------------------|--------|

CIVIL ENGINEERING

| | |
|----------------------------|--------|
| Abegglen, Donn E. | 77-234 |
| Balzarini, Charles Douglas | 77-276 |
| Cannis, Theodore Clark | 77-117 |
| Carr, Richard Lloyd | 77-316 |
| Cole, Bruce Van Vorhis | 77-241 |
| Collier, Bobby Dale | 77-368 |
| Conradsen, Jorgen Peter | 77-217 |
| Cox, Charles Gordon | 77-296 |
| Desai, Kishor Thakor | 77-99 |
| Dixon, Schaefer J. | 77-277 |
| Ghowrwal, Abdul Qadir | 77-227 |
| Gingery, Deryl Wayne | 77-103 |
| Hall, Robert Clarence, Jr. | 77-347 |
| Jacobsen, Robert Allen | 77-355 |
| Kalupa, Ronald F. | 77-336 |
| Kertz, William Alan | 77-356 |
| Kluesener, John W. | 77-332 |
| Kozich, Allan Alfred | 77-150 |
| Lindsey, Stanley Dean | 76-422 |
| Maphis, Sam Wellington | 77-152 |
| Mason, Earl Edison | 77-357 |
| Mattke, Paul W. | 77-266 |
| Nelson, Waldemar Stanley | 77-247 |
| Neyer, Jerome Charles | 77-219 |
| Peters, Raymer Douglas | 77-333 |
| Peterson, Milford Kenneth | 77-305 |
| Rice, Richard Cleave | 77-235 |
| Rogers, Otha Jennings | 77-208 |
| Smith, Haldon Edward | 77-220 |
| Speedie, James Alan | 77-197 |

CIVIL ENGINEERING - Cont'd.

| | |
|----------------------------|--------|
| Stack, John Raynold | 77-221 |
| Stewart, Wayne Lee | 77-262 |
| Sulser, Lawrence Adam, Jr. | 77-274 |
| Thompson, Ted E. | 77-203 |
| Turney, Thomas Charles | 77-248 |
| Wong, Ramon R., II | 77-18 |

ELECTRICAL ENGINEERING

| | |
|----------------------------|--------|
| Bayless, James Warren, III | 77-215 |
| Horne, Albert Sidney | 77-200 |
| Jones, Roger Clyde | 77-299 |
| Leung, Richard Kam Tong | 77-127 |
| Moss, Richard Myrel | 77-94 |
| Warren, Mark Steven | 77-268 |
| Werner, John A., III | 77-344 |

GEOLOGICAL ENGINEERING

| | |
|----------------------------|--------|
| Price, Charles Edgard, Jr. | 77-207 |
|----------------------------|--------|

INDUSTRIAL ENGINEERING

| | |
|-----------------------|--------|
| Porter, Robert Curtis | 77-194 |
|-----------------------|--------|

MECHANICAL ENGINEERING

| | |
|------------------------------|--------|
| Adam, Paul James, Jr. | 77-280 |
| Coyne, Robert Francis | 77-236 |
| Duda, Raymond M. | 77-310 |
| Funk, John Frank | 77-343 |
| Schwarzbach, Martin Mitchell | 77-301 |
| White, John Robert | 77-251 |
| Williams, John Bryan | 77-350 |
| Young, Richard Samuel | 77-300 |

Continued.....

I. Continued.....

MINING ENGINEERING

Dixon, William Carl 77-256
 Ploesser, Alan Philip 77-278

STRUCTURAL ENGINEERING

Beebe, Raymond Beach 77-373
 Belford, Don Roger 77-216
 Hoover, Clyde Donald 77-320

SANITARY ENGINEERING

Novacek, Jerry Wayne 77-64

- II. The following applicants having appeared before the committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, A.R.S. 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the November, 1977, examinations:CIVIL ENGINEERING

| | | |
|-------------------------|--------|---------------------|
| Bethell, John L. | 77-342 | Parts 3 and 4 |
| Callow, Thomas Edwin | 77-271 | Parts 3 and 4 |
| Easter, Jack A. | 77-138 | Parts 1, 2, 3 and 4 |
| Evans, John Austin | 77-291 | Parts 3 and 4 |
| Farney, James Eugene | 77-372 | Parts 3 and 4 |
| Harn, Paul Alan | 77-260 | Parts 3 and 4 |
| Imig, Donald P. | 77-218 | Parts 3 and 4 |
| Johnson, George Bryan | 77-206 | Parts 3 and 4 |
| Kelly, Timothy Emmet | 77-246 | Parts 3 and 4 |
| Kimmel, Richard John | 77-261 | Parts 3 and 4 |
| Larson, Scott Marvin | 77-285 | Parts 3 and 4 |
| McLean, Thomas Michael | 77-369 | Parts 3 and 4 |
| Malik, Mahmood Akbar | 77-327 | Parts 1, 2, 3 and 4 |
| Matsushino, Anne Miyo | 77-265 | Parts 3 and 4 |
| Miller, Phillip Bruce | 77-340 | Parts 3 and 4 |
| Rausch, Robert Ralph | 77-253 | Parts 3 and 4 |
| Sands, Thomas Gregory | 77-270 | Parts 3 and 4 |
| Scoble, Francis Matthew | 77-377 | Parts 1, 2, 3 and 4 |
| Smith, Ramon Guy | 77-231 | Parts 3 and 4 |
| Sobieski, Paul Gerhard | 77-323 | Parts 3 and 4 |
| Turner, James Albert | 77-258 | Parts 3 and 4 |
| Weeks, David Kendall | 77-259 | Parts 3 and 4 |

ELECTRICAL ENGINEERING

| | | |
|---------------------------------|--------|---------------------|
| Ananthanarayanan, Balanarayanan | 77-269 | Parts 1, 2, 3 and 4 |
| Barr, Howard Earl | 77-141 | Parts 3 and 4 |
| Bischoff, Stephen Julius | 77-254 | Parts 3 and 4 |
| Butkovich, James T. | 77-255 | Parts 1, 2, 3 and 4 |
| Davis, John Edward | 77-325 | Parts 3 and 4 |
| Emmons, Glen T. | 77-214 | Parts 3 and 4 |
| Hall, Esrie Sherman, Jr. | 77-308 | Parts 1, 2, 3 and 4 |
| Johnson, Raymond R. | 77-264 | Parts 1, 2, 3 and 4 |
| Jolley, Virdes Allen | 77-341 | Parts 1, 2, 3 and 4 |
| Lepley, Thomas C. | 77-303 | Parts 3 and 4 |
| Llewellyn, Robert Neilson | 77-204 | Parts 3 and 4 |
| Payne, Francis Leland | 77-338 | Parts 3 and 4 |
| Preckshot, George Garrell | 77-267 | Parts 1, 2, 3 and 4 |
| Shelton, David Gordon | 77-302 | Parts 3 and 4 |
| Sierra, Stanley | 77-307 | Parts 3 and 4 |

Continue.....

11. Continued.....

03893

ELECTRICAL ENGINEERING Cont'd.

Sykora, Kenneth Richard 77-309 Parts 3 and 4
 Theiss, John Boyd 77-250 Parts 3 and 4
 Thomas, Kenneth James Peter 77-335 Parts 1, 2, 3 and 4

GEOLOGICAL ENGINEERING

Thomas, Stewart Alton 77-337 Parts 1, 2, 3 and 4

GEOPHYSICAL ENGINEERING

Scheffey, Paul Lincoln 77-209 Parts 3 and 4

MECHANICAL ENGINEERING

Bachel, Larry Francis 77-289 Parts 3 and 4
 Barnes, Darryl L. 77-334 Parts 1, 2, 3 and 4
 Broussard, M. Roy 76-473 Parts 1, 2, 3 and 4
 Burbine, Norman Henry 77-348 Parts 3 and 4
 Chilton, Daniel L. 77-237 Parts 1, 2, 3 and 4
 Hecht-Nielsen, Robert 77-212 Parts 3 and 4
 Hodge, Michael Frederick 77-328 Parts 1, 2, 3 and 4
 Menconi, Peter Irish 77-295 Parts 3 and 4
 Schaub, Fred Eugene 77-213 Parts 1, 2, 3 and 4
 Shultz, Robert Allen 77-363 Parts 3 and 4
 Thies, Joel O. 77-252 Parts 1, 2, 3 and 4

METALLURGICAL ENGINEERING

Bossard, Gerald Wayne 77-263 Parts 3 and 4

MINING ENGINEERING

Clelland, Ian Stuart 77-158 Parts 3 and 4
 Phillips, Stephen Henry Elliot 77-326 Parts 1, 2, 3 and 4

STRUCTURAL ENGINEERING

Holmes, John Forrest 77-319 Parts 5 and 6
 Kozich, Allan Alfred 77-149 Parts 5 and 6
 Scatena, Louis Ronald Peter 77-210 Parts 5 and 6
 Vogel, Gary Lynn 77-228 Parts 5 and 6

LAND SURVEYING

Alcocer, Richard 77-290 Parts 1, 2, 3 and 4
 Barbee, William Francis 77-349 Parts 1, 2, 3 and 4
 Carne, James Louis, Jr. 77-315 Parts 1, 2, 3 and 4
 Cleveland, Keith Lee 77-28 Parts 1, 2, 3 and 4
 Dryden, Charles Wyatt 77-257 Parts 3 and 4
 Dyer, Maynard Ray 77-245 Part 4
 Flores, Luis A., Jr. 77-292 Part 4
 Hoffman, Claud Milton 77-56 Part 4
 Murrey, David Howard 77-293 Parts 1, 2, 3 and 4
 Myers, Terry Lon 77-331 Parts 1, 2, 3 and 4
 Nowakowski, Richard John 77-273 Part 4
 Rice, George William 77-226 Parts 1, 2, 3 and 4

ASSAYING

Jacobs, Michael George 77-387 Parts 1 and 2

III. The following applicants appeared before the committee and the evaluation of their applications determined that they should be denied for lack of experience of a character satisfactory to the Board under A.R.S. 32-123.A, with the refund as shown:

| | | | |
|--------------------------|--------|---------------------|---------|
| Clay, Donald Wayne | 77-230 | Geologist | \$10.00 |
| Kowalik, Thaddeus Stefan | 77-346 | Civil Engineer | \$10.00 |
| Kozich, Allan Alfred | 77-148 | Electrical Engineer | \$25.00 |
| Kozich, Allan Alfred | 77-147 | Mechanical Engineer | \$25.00 |
| Niese, David Max | 77-225 | Structural Engineer | \$10.00 |
| Sisley, Robert Kent | 77-284 | Civil Engineer | \$10.00 |

IV. The following applicant having been advised twice he was scheduled to appear before the committee and for his failure to do so, the committee recommends he be denied for failure to complete the requirements of the Board within a reasonable length of time:

| | | |
|------------------------|--------|---------------------|
| Pearson, Donald Stuart | 75-547 | Electrical Engineer |
|------------------------|--------|---------------------|

The committee recommends to the Board that Recommendations I through IV of this report be accepted and implemented.

Respectfully submitted,

Rod J. Gomez
 Rod J. Gomez, Chairman

| | | |
|-------|----------------------------|-------|
| 11301 | Cornish, Theology Clark | 11301 |
| 11302 | Carr, Richard Lloyd | 11302 |
| 11303 | Cole, Bruce Van Winkle | 11303 |
| 11304 | Collins, Bobby Dale | 11304 |
| 11305 | Conradson, Jorge Peter | 11305 |
| 11306 | Cox, Charles Vernon | 11306 |
| 11307 | Cross, Alton Theodor | 11307 |
| 11308 | Clean, Schuster Jr. | 11308 |
| 11309 | Crawford, Melvin Cliff | 11309 |
| 11310 | Cregory, Daryl Wayne | 11310 |
| 11311 | Hall, Arthur Clarence, Jr. | 11311 |
| 11312 | Jacobson, Robert Allan | 11312 |
| 11313 | Kaluga, Harold F. | 11313 |
| 11314 | Kanta, William Alan | 11314 |
| 11315 | Kaschner, John W. | 11315 |
| 11316 | Kochy, Allen Alfred | 11316 |
| 11317 | Lindsay, Stanley Earl | 11317 |
| 11318 | Novak, Sam William | 11318 |
| 11319 | Nowak, Carl Edward | 11319 |
| 11320 | Palmer, Paul W. | 11320 |
| 11321 | Palmer, William Stanley | 11321 |
| 11322 | Peyer, Jerome Charles | 11322 |
| 11323 | Reburn, Bruce Douglas | 11323 |
| 11324 | Robinson, Willard Kenneth | 11324 |
| 11325 | Ross, Richard Chester | 11325 |
| 11326 | Rogers, Dale William | 11326 |
| 11327 | Schiff, Marvin Edward | 11327 |
| 11328 | Speight, James Alan | 11328 |
| 11329 | Stark, John Raymond | 11329 |

It was moved by Mr. Gomez and seconded by Mr. O'Bannon that the following applicants are to be denied with neither prejudice nor refund at their request. Motion carried.

| | | |
|--------------------------|--------|----------------------|
| Bertella, Virginia G. A. | 77-146 | Civil Engineer |
| Cohen, Howard S. | 77-2 | Chemical Engineer |
| Crowson, David L. | 77-298 | Civil Engineer |
| Danowitz, Chester J. | 77-187 | Mechanical Engineer |
| Kapuvary, Charles K. | 77-183 | Architect |
| Scacifero, Anthony J. | 77-19 | Geologist |
| Thies, Joel | 77-67 | Engineer-in-Training |
| Thorpe, Thomas W. | 77-400 | Architect |

It was moved by Mr. Caruso and seconded by Mr. Trimble that the following applicants for professional registration having completed the personal audience and all other requirements of the Board be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

| | |
|----------------------------|-------|
| Baker, George Harvey | 11374 |
| Darnell, Wesley Alan | 11375 |
| De Guglielmo, Albert Louis | 11376 |
| Deutsch, Bernard | 11377 |
| Foug, James W. | 11378 |
| Froehlich, Arthur | 11379 |
| Grove, Frederick Leon | 11380 |
| Guinther, Thomas Willard | 11381 |
| Hyatt, Duane G. | 11382 |
| Kunz, Kenneth J. | 11383 |
| Lorimer, David T. | 11384 |
| Marter, Howard R. | 11385 |
| Myklebust, John Arthur | 11386 |
| Nalbandian, John V. | 11387 |
| Peterson, Douglas Neil | 11388 |
| Phipps, William Arthur | 11389 |
| Potter, David A. | 11390 |
| Richardson, Walter John | 11391 |
| Sakir, Edward | 11392 |
| Samaniego, Eduardo Jose | 11393 |
| Shuler, Paul Edwin | 11394 |
| Smutny, Robert Frank | 11395 |
| Stichler, Ronald Albert | 11396 |
| Todd, Douglas Irwin | 11397 |
| Van Dyke, Glen William | 11398 |
| Varner, Marion Jesse | 11399 |
| Worthington, Carl August | 11400 |

CHEMICAL ENGINEERING

| | |
|------------------------|-------|
| Chapman, Richard Glenn | 11401 |
|------------------------|-------|

CIVIL ENGINEERING

| | |
|----------------------------|-------|
| Abegglen, Donn E. | 11402 |
| Balzarini, Charles Douglas | 11403 |
| Cannis, Theodore Clark | 11404 |
| Carr, Richard Lloyd | 11405 |
| Cole, Bruce Van Vorhis | 11406 |
| Collier, Bobby Dale | 11407 |
| Conradsen, Jorgen Peter | 11408 |
| Cox, Charles Gordon | 11409 |
| Desai, Kishor Thakor | 11410 |
| Dixon, Schaefer J. | 11411 |
| Ghowrwal, Abdul Qadir | 11412 |
| Gingery, Deryl Wayne | 11413 |
| Hall, Robert Clarence, Jr. | 11414 |
| Jacobsen, Robert Allen | 11415 |
| Kalupa, Ronald F. | 11416 |
| Kertz, William Alan | 11417 |
| Kluesener, John W. | 11418 |
| Kozich, Allan Alfred | 11419 |
| Lindsey, Stanley Dean | 11420 |
| Maphis, Sam Wellington | 11421 |
| Mason, Earl Edison | 11422 |
| Mattke, Paul W. | 11423 |
| Nelson, Waldemar Stanley | 11424 |
| Neyer, Jerome Charles | 11425 |
| Peters, Raymer Douglas | 11426 |
| Peterson, Milford Kenneth | 11427 |
| Rice, Richard Cleave | 11428 |
| Rogers, Otha Jennings | 11429 |
| Smith, Haldon Edward | 11430 |
| Speedie, James Alan | 11431 |
| Stack, John Raynold | 11432 |

Continued.....

CIVIL ENGINEERING - Cont'd.

| | |
|----------------------------|-------|
| Stewart, Wayne Lee | 11433 |
| Sulser, Lawrence Adam, Jr. | 11434 |
| Thompson, Ted E. | 11435 |
| Turney, Thomas Charles | 11436 |
| Wong, Ramon R., II | 11437 |

ELECTRICAL ENGINEERING

| | |
|----------------------------|-------|
| Bayless, James Warren, III | 11438 |
| Horne, Albert Sidney | 11439 |
| Jones, Roger Clyde | 11440 |
| Leung, Richard Kam Tong | 11441 |
| Moss, Richard Myrel | 11442 |
| Warren, Mark Steven | 11443 |
| Werner, John A., III | 11444 |

GEOLOGICAL ENGINEERING

| | |
|----------------------------|-------|
| Price, Charles Edgard, Jr. | 11445 |
|----------------------------|-------|

INDUSTRIAL ENGINEERING

| | |
|-----------------------|-------|
| Porter, Robert Curtis | 11446 |
|-----------------------|-------|

MECHANICAL ENGINEERING

| | |
|-----------------------|-------|
| Adam, Paul James, Jr. | 11447 |
| Coyne, Robert Francis | 11448 |
| Duda, Raymond M. | 11449 |
| Funk, John Frank | 11450 |

MECHANICAL ENGINEERING - Cont'd.

| | |
|------------------------------|-------|
| Schwarzbach, Martin Mitchell | 11451 |
| White, John Robert | 11452 |
| Williams, John Bryan | 11453 |
| Young, Richard Samuel | 11454 |

MINING ENGINEERING

| | |
|-----------------------|-------|
| Dixon, William Carl | 11455 |
| Ploesser, Alan Philip | 11456 |

SANITARY ENGINEERING

| | |
|----------------------|-------|
| Novacek, Jerry Wayne | 11457 |
|----------------------|-------|

STRUCTURAL ENGINEERING

| | |
|----------------------|-------|
| Beebe, Raymond Beach | 11458 |
| Belford, Don Roger | 11459 |
| Hoover, Clyde Donald | 11460 |

LANDSCAPE ARCHITECTURE

| | |
|-----------------------|-------|
| Bell, Michael E. | 11461 |
| Rogers, Walter E. | 11462 |
| Rothman, Brian Lee | 11463 |
| Umberger, Martin Scot | 11464 |

It was moved by Mr. Gomez and seconded by Mr. Porcarello that the following applicants for in-training registration having satisfactorily completed the written examination be granted in-training registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

| | |
|----------------------------|------|
| Aleksa, Robert Joseph | 1808 |
| Alexander, Thomas Michael | 1809 |
| BAKER, Mark T. | 1810 |
| Benes, Lloyd E. | 1811 |
| Booth, Mark | 1812 |
| Breckenridge, Nils Joseph | 1813 |
| de Pagter, Jacobus Adriaan | 1814 |
| Dynneson, Ronald E. | 1815 |
| Emerson, Steven Lee | 1816 |
| Engbring, Thomas P. | 1817 |
| Girouard, Kenneth | 1818 |
| Glover, Jeffrey B. | 1819 |
| Gyles, Brian Robert | 1820 |
| Henessy, John E. | 1821 |
| Hom, Paul Jung | 1822 |
| Inzana, Michael Joseph | 1823 |
| Leimkuehler, William H. | 1824 |
| Lindberg, John J. | 1847 |
| Locher, Michael L. | 1825 |
| McCarville, Thomas | 1826 |

ENGINEER-IN-TRAINING - Cont'd.

| | |
|--------------------------------|------|
| Magistro, James | 1827 |
| Morgen, Henry James | 1828 |
| Munden, John Clarence | 1829 |
| Ochotorena, Martin Ballesteros | 1830 |
| Pawlik, Louis John | 1831 |
| Rawlings, Erika M. | 1832 |
| Reed, Donald Henry | 1833 |
| Rouso, Maurice Jacob | 1834 |
| St. Clair, Gregg | 1835 |
| Schroeder, John A. | 1836 |
| Schumm, Donald Eugene | 1837 |
| Strehlow, Michael Wayne Byron | 1838 |
| Tabor, Mark Allen | 1839 |
| Timmerman, Gary J. | 1840 |
| Vesecky, Pete | 1848 |
| Vinje, Keith Robert | 1841 |
| Wallace, James Alexnader, III | 1842 |
| Willer, Matthew Scott | 1843 |
| Winfree, Michael B. | 1844 |
| Wong, Phillip O. | 1845 |
| Worley, Roger Dale | 1846 |

LANDSCAPE ARCHITECT-IN-TRAINING

| | |
|----------------------|----|
| Jokerst, Dennis E. | 11 |
| Maguire, DAVID Lloyd | 12 |
| Presto, Richard M. | 13 |

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Gomez reported that he and the Chairman attended the annual meeting of National Council of Engineering Examiners held in Atlanta, Georgia, on July 31-August 3, 1977, and that he did not have the resolutions that were passed at the meeting as yet but would forward his written report to the office for record when received. He stated that one of the first things the members were informed on at the meeting was that NCEE had been served by the U. S. Attorney General with an order to submit all records and their Code of Ethics. They asked specific questions about their adopted Code of Ethics which was interjected into the agenda and went on all day in discussion. The one item questioned was no bidding. It was the consensus of all the states that NCEE immediately rescind their Code of Ethics as it does not represent the individual state boards and they did so.

There was a lot of discussion on finances and assessing fees to various states. The larger states felt that when it came to setting up voting procedures they felt that they needed more than one vote. The Finance Committee came up with a report of they are going to treat every state the same by assessment of \$1250 and every state has just one vote regardless of the number of registrants they have. Additional assessment fees will be according to the number of examinations requested.

The Iowa Board reported on their new law for continuing education to renew their license. When the Iowa Board has established their regulations for implementing the new law, the National Council will assist by setting up a model for possible use by other states if they should enact such a law.

Mr. Gomez reported on the attendance by the other states and of representatives from as far away as South Africa were present. He also stated Mr. James Knickerbocker, past Board member, was presented with the Distinguished Service Award by the National Council.

REPORT OF THE BUDGET COMMITTEE

The budget request for Fiscal Year 1978-1979 in the amount of \$162,300 was submitted to the Budget Office, Finance Division on August 29, 1977. The Executive Director reported that the budget has been staying within the percentage increase necessary. For the benefit of the new members, he explained that 10% goes into the General Fund and other 90% is our fund for operating expenditures.

READING OF COMMUNICATIONS

Letter from George T. Walters, Land Surveying applicant #77-77, requesting an extension of his personal audience appearance was presented. It was moved by Mr. Caruso and seconded by Mr. Porcarello that Mr. Walters be granted a final extension. Motion carried.

Letter from Stuart A. Kessler, Architectural applicant #77-83, requesting an extension of his personal audience appearance, was presented. It was moved by Mr. Trimble and seconded by Mr. Porcarello he be granted an extension for the third and last time. Motion carried.

READING OF COMMUNICATIONS - Cont'd.

Letter from I. Newton Durboraw, Electrical Engineer applicant #77-324, requesting an extension of his personal audience appearance until February, 1978, was presented. It was moved by Mr. Porcarello and seconded by Mr. Caruso that he be granted an extension to the February, 1978, committee meeting. Motion carried.

Letters from James A. Dailey, Civil Engineer applicant, requesting reconsideration of the Board's action at the June 17, 1977, Board meeting which denied his application for failure to appear at the April, 1977, written examination were presented. It was moved by Mr. Trimble and seconded by Mr. Porcarello that the Executive Director be instructed to write to Mr. Dailey that the Board reaffirmed the previous action of the denial of his application and that he has the right to reapply in 12 months. Motion carried.

Letters from Gordon E. Moore, Civil and Engineer and Gudmund Martinson, Architect were presented as shown on Minute Pages 3899 - 3903. Mr. Edson explained that Mr. Mark Shannon had worked at Davis Monthan Air Force Base since his graduation in 1974 under the registrant Mr. Martinson. His experience record on his application showed he had done primarily remodeling with the exception of one project. The committee felt he did not have a well-rounded experience and may have to change his employment where he can get the experience needed. The candidate should be aware of what constitutes good experience and seek out jobs where he can do this. It is the candidate's responsibility to evaluate his own experience record. The letters support much broader experience by Mr. Shannon than what was recorded on his application. Mr. Edson said he supported much better communication and that is why he explained to Mr. Moore about the intern architect program adopted by the National Council. Mr. Goodwin explained that they had informed the applicant he would not get in their opinion the varied experience in his present employment. After discussion, it was moved by Mr. Goodwin and seconded by Mr. Porcarello that the Chairman of the Board write to Mr. Moore with a copy to Mr. Martinson of the comments brought out by Mr. Edson and state we simply question the fact that his experience he had received was not a type suitable to the Board and we felt he needed a wider variety which we did not feel he could get there as the work indicated in this particular applicant's record did not indicate his experience was satisfactory; we are not making an evaluation of their organization. Motion carried.

Letters from Edgar M. Bollin, regarding alleged violations of the Code, as shown on Minute Pages 3904 - 3915, were presented. Mr. Sillyman, Assistant Attorney General, stated that the accusations regarding Mr. Michaels of his aiding and abetting is not a valid complaint. Regarding Sierra Testing and Engineering, Inc. is a valid complaint and Mr. Taylor is engaged in the practice of engineering. He advised the Board could approach this either by seeking an injunction from future practice by this company or send a cease and desist letter to inform they they are in violation of the Statutes. Further investigation could be made as to whether they are continuing to engage in this.

In discussion Mr. Bollin's letters, the Board agreed that Mr. Michaels was not aiding and abetting by acceptance of the test results. It was noted that on the copy of the telephone directory that Mr. Bollin was advertising engineering services when he is a registered Geologist.

Gudmund Martinson, Architect

03899

7132 EAST 31ST STREET

TUCSON, ARIZONA 85710

PHONE 298-1968

17 August 1977

RECEIVED

AUG 19 1977

STATE BOARD TECHNICAL REGISTRATION

Arizona State Board of Technical Registration
1645 West Jefferson
Phoenix, Arizona 85007

Attn: Mr. E.G. Drewry Executive Director

Dear Sir: The attached piece of correspondence authored by F. Mark Edson a member of the board of registration has just come into my hands.

I'm a practicing architect and registered in the State of Arizona (7404). In the attached note there is an implication that there is not a practicing professional registrant at Davis-Monthan A.F. Base although there are three such registrants in architecture alone, and although Mr. Edson knows full well there is and that I in particular, have been practicing there for many years as Chief of Engineering/Technical Design Section.

For your information, Mr. Mark Shannon, the subject of the enclosure, has worked full time, directly under my supervision, for the last three years during which time he has received comprehensive and practical training in Design, drafting, structural calculations, office practice, cost estimating, specification writing, job supervision and customer relations of an intensity quite comparable with what he would be offered anywhere else in a Tucson architect's office. These facts were submitted to the board as requested on behalf of Mark Shannon.

I request, within two weeks from this date, an official apology from the board for the very crude and unprofessional inaccuracies submitted by an official board member in that capacity. It appears that the millions of dollars worth of architectural work produced by my staff under my direct supervision is not recognized by Mr. Edson. This I consider a direct professional insult, degrading and uncalled for, which must be rectified by an official apology.

Should the Board not find this appropriate, I intend to pursue the matter further by communicating directly with the Governor of Arizona with an official release to the State Press.

I take my work and my profession seriously and practice on a high ethical level. The communication of Mr. Edson, from his ivory tower, to another party, questioning my architectural practice, must and will be challenged.

Sincerely,



Gudmund Martinson

03900

DEPARTMENT OF THE AIR FORCE
355TH CIVIL ENGINEERING SQUADRON (TAC)
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA 85707



AUG 23 1977

REPLY TO
ATTN OF:

DEE/Moore/3195

SUBJECT:

Registration of Federal Architects and Engineers in the
State of Arizona

TO: Mr. Ralph L. Wyatt, Chairman
State Board of Technical Registration
1645 West Jefferson, Suite 315
Phoenix, Arizona 85007

Dear Mr. Wyatt:

An incident occurred during the meeting held by the Architectural Evaluation and Examination Committee in Phoenix on August 12, 1977 which I feel should be brought to the attention of each member of the State Board. The incident occurred during the oral interview of Mr. Mark Shannon from this office.

I recognize that the registration of an individual in any state is a matter between the individual and the State Board of Technical Registration for the appropriate state. I do not wish to concern this letter with the individual's qualifications for registration; however, I do wish to address two areas of concern.

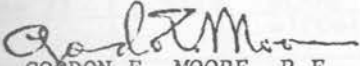
I am attaching a copy of the information furnished to me by Mr. Mark Edson on 16 August 1977 which outlines the details of the two matters of concern. The first matter I wish to address is the communication between the Board and prospective candidates for registration. It would appear to me that the information contained on pages 9 through 14 of Circular of Information No. XI of the National Council of Architectural Registration Boards should be disseminated on a state-wide basis to all candidates with an appropriate form which will indicate to prospective candidates that this is the experience information desired by the Board. The present form used to list experiences does not request or indicate that these types of experiences should be recorded on the form. Ninety percent of all work on the base is carried from planning through design and construction management stages under registered personnel. Perhaps with improved descriptions of desired submittals the Board's and candidate's time might be saved in not requiring candidates to reappear or resubmit.

As you are aware the Federal Government has been striving to upgrade the quality of professional staffs. We at Davis-Monthan have taken great pride of being one of the most outstanding professional branches in the Air Force. We have been recognized as a leading branch in the Strategic Air Command and the Tactical Air Command and to imply that one of our employees should leave the Federal

Government to practice "under a practicing professional registrant" is a matter of serious concern to me. All principals on my staff are registered; this includes three architects, one mechanical, one electrical, and two civil engineers. The nature of work performed by engineers in the Government should not be classified as dis-qualifying for registration when supervised by professionals already registered.

I sincerely hope that the State Board will re-examine its position in this matter and broaden the intent of the registration actions to include and accept the professional work of architects and engineers working for Industry, Education, State, County, and Federal Government. If this broader spectrum cannot be accepted, I encourage the State Board to recommend national boards and examinations to cover Federal employees.

It is requested that this matter be reviewed and that I be informed of the proposed actions of the State Board in these matters.


GORDON E. MOORE, P.E., Chief
Engineering, Construction and
Environmental Planning Branch

1 Atch
Mr. Mark Edson Ltr, 16 Aug 77

- | | |
|---|--|
| Cy to: Mr. Ralph L. Wyatt, Chairman | Mr. F. Shelby Bennett, President Arizona Society of Professional Engineers |
| Mr. Joseph E. Fowells, Vice-Chairman | |
| Mr. Charles W. Dryden, Secretary | Mr. Hugh H. Connolly, President Southern Arizona Chapter Society of Professional Engineers |
| <u>Mr. E. G. Drewry, Executive Secretary</u> | |
| Mr. Sam Caruso | Mr. Michael A. Lugo, President Southern Arizona Chapter Institute of Architects |
| Mr. F. Mark Edson | |
| Mr. Rod J. Gomez, P.E. | Mr. William A. Sawyer, Executive Director Arizona Society of Professional Engineers |
| Mr. Patrick Henry Porcarello | |
| Mr. Robert G. Wallace | |
| Mr. Rudolf A. Jimenez, P.E. Civil Engrg Dept, Univ of Ariz | |

RECEIVED

03902

Phone 623-8453

DATE August 16, 1977

JOB NO.

ATTENTION

RE State Bd of Tech. Registration
Architects Evaluation Committee
(Mark Shannon)

TO Gordon Moore, P.E., Chief, Engineering Constr.
355 CSG DEE
Davis Monthan Air Force Base, Ariz. 85708

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
 Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

| COPIES | DATE | NO. | DESCRIPTION |
|--------|---------|--------|--|
| 1 | June 77 | p.9-14 | NCARB (National Council of Architectural Registration Boards) Circular of Information No.XI - Practical Training Syllabus Compare this outline with Shannons Record as submitted to the Bd. I believe you will recognize that his experience is lacking. You might make an effort to assign him broadening types of work in order that he can be eligible for the professional exam. My Committee felt strongly that at least one year of this experience should be under a practising professional registrant. |

THESE ARE TRANSMITTED as checked below:

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____ 19 _____
- Approved as submitted
- Approved as noted
- Returned for corrections
- For your information.
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

REMARKS This material serves as a guide to what many State Boards are looking for in terms of the 36 month experience requirement for Graduates of Accredited Schools. While there is no on-going Intern Development Program in Arizona providing for initiation and reporting of this work experience, we do feel that the Candidate has the responsibility for acquainting himself with requirements of the industry, and we do encourage Mr. Shannon to enroll in the A.I.T program (Similar to E.I.T) at our State Board Office, which he is eligible for at this time. The Board serves the Public by assuring that Registrants are comprehensively trained in their chosen profession and registered after examination. The Applicant has the assurance that, as a result of our registration standards, once registered under these procedures, his examination process will be acceptable to other registration jurisdictions.

COPY TO E.G. Drewry, Exec Sec., State Board

SIGNED:

[Signature]
F. Mark Edson

DEPARTMENT OF THE AIR FORCE
355TH CIVIL ENGINEERING SQUADRON (TAC)
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA 85707

U3903



AUG 31 1977

REPLY TO
ATTN OF: DEE/Moore/3195

SUBJECT: Registration of Federal Architects and Engineers in the
State of Arizona (Your Ltr, 29 Aug 77)

RECEIVED
SEP - 1 1977

TO: Mr. Edward G. Drewry,
Executive Director
State Board of Technical Registration
1645 W. Jefferson
Phoenix, AZ 85007

STATE BOARD TECHNICAL REGISTRATION

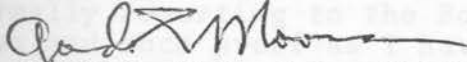
Dear Mr. Drewry:

I have received your letter of 29 August 1977. It does not contain evidence of my real concerns. Please advise the board at the September 9, 1977 meeting that I am not communicating with the board relative to Mr. Shannon's application.

The purpose of my letter of 23 August 1977 was to:

1. Highlight the need for improved communication with regard to the application form to seek information desired by the board, and
2. To question the ethics of the board when it recommends to a young architect applicant to change employer and leave the office of one registered architect to seek a job in another architect's office.

Yours very truly,


GORDON E. MOORE, P.E., Chief
Engineering, Construction and
Environmental Planning Branch

Cy to: Mr. Ralph L. Wyatt
Mr. William A. Sawyer

Respectfully submitted,
Roger W. Bellin



All Members of The State Board
of Technical Registration
Mr. Bruce Sabitty, Attorney
General, State of Arizona
1645 W. Jefferson
Phoenix, Arizona
County Attorney

3904
RECEIVED

BOLLIN SCIENTIFIC LABORATORY

SEP - 1 1977

Soils and Materials Testing
R.R. 1. BOX 1006
SIERRA VISTA. ARIZONA 85635

STATE BOARD TECHNICAL REGISTRATION

EDGAR M. BOLLIN. Ph.D.
Registered Geologist

16021 458-9123
16021 458-6052

Mr. Edward Drewry, Executive Director
Arizona State Board of Technical Registration
1645 West Jefferson
Phoenix, Arizona 85007

August 30, 1977

Dear Mr. Drewry:

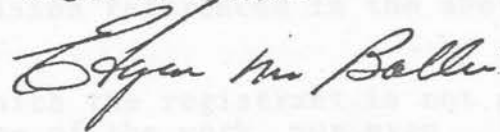
On the 26 of August I telephoned your office as a courtesy to let you know that I was filing a complaint against another registrant. I was informed by your secretary that a complaint form pursuant to 32-128 must be filled out which I received the next day by mail.

Upon the advice of my lawyer, I cannot complete nor sign this document, as he himself as a lawyer would not sign such a document.

I do not have the legal authority to conduct an investigation as implied by this document. That is the duty of the State Board of Technical Registration.

I am formally reporting to the Board my knowledge of the situation and such proof as I have on hand. I expect the State Board to conduct the investigation as required by law.

Respectfully submitted,
Edgar M. Bollin



EMB:sk

cc: All Members of The State Board
of Technical Registration
Mr. Bruce Babbitt, Attorney
General, State of Arizona
Mrs. Beverly Jenney,
Cochise County Attorney

Enclosures

03905 RECEIVED

BOLLIN SCIENTIFIC LABORATORY

SEP - 1 1977

Soils and Materials Testing
R.R. 1. BOX 1006
SIERRA VISTA. ARIZONA 85635

STATE BOARD TECHNICAL REGISTRATION

EDGAR M. BOLLIN. Ph.D.
Registered Geologist

16021 458-9123
16021 458-6052

Mr. Edward Drewry, Executive Director
Arizona State Board of Technical Registration
1645 West Jefferson
Phoenix, Arizona 85007

August 26, 1977

Subject: Code Violation, Section 32-128, Revocation of Certificate,
George P. Michael, Junior

Dear Mr. Drewry:

I wish to request that the State Board of Technical Registration proceed immediately in the matter of direct and specific violation of the State Code, Section 32-128, Part 3, "Aiding and Abetting an unregistered person to evade the provisions of this chapter..."

Mr. Michael since recently assuming office as the City Engineer of the City of Sierra Vista, Arizona, has been accepting test results from the firm of "Sierra Testing and Engineering, Inc." This firm, Mr. L.B. Taylor, President, has been operating illegally for the past five or six years without having the work "under the full authority and responsible charge of a registrant, who is also a principal of the firm or officer of the corporation. The name of said registrant shall appear whenever the firm name is used in the professional practice of the firm or corporation." (Section 32-141). The attached letter from Mr. Michael dated July 12, 1977, shows that Mr. Michael is accepting this work. I do not have access to the City files for copies of test results, but I do know that test results have been accepted by Mr. Michael for Vista Village Number Three Subdivision for utility trench compactions, under curb compaction and concrete tests in addition to the Villas de San Andrea Subdivision referenced in the above mentioned letter.

In addition to accepting work in which the registrant is not a member of the firm, is not in charge of the work, nor even present in the County as Mr. Tucker (Registration No. 2242) has not been in Sierra Vista for more than a few days during this year, Mr. Michael has now hired the firm of "Sierra Testing and Engineering, Inc." to test the construction of streets of the City of Sierra Vista, specifically Lenzner Avenue, which is in further violation of Section 32-142A (Public Works).

Mr. Edward Drewry
Page II

8-26-77

Letters of January 5, 1973 and April 20, 1977 are attached to show that Mr. Taylor has been operating in violation of A.R.S. 32-141 for some time and do not involve the City Engineer as they were submitted to the County.

The report of February 16, 1977 is attached as it is separate and distinct from the above mentioned Vista Village reports and was accepted by the City as Sierra Ready-Mix and Contracting Company was allowed to pave the streets in Vista Village Number Three Subdivision.

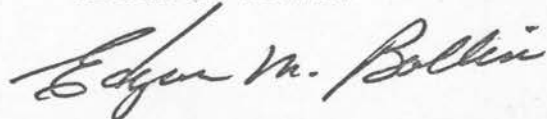
Mr. Michael cannot plead that he did not know that Mr. Taylor was operating illegally as the reports themselves show this by the lack of the name of the registrant on the stationary in direct violation of A.R.S. 32-141 and it is his responsibility as a receiving authority to know the status of firms submitting certified material. Furthermore, Mr. Michael cannot plead ignorance of the Code as he has just this spring passed an examination on the Code to receive his professional registration in Arizona. The situation is of such common knowledge locally as to plead ignorance of the situation would imply either gross negligence or incompetence.

It may be argued that Mr. Tucker may stamp work in Sierra Vista under Part 1 of A.R.S. 32-141 as he does reside in Arizona. However, the firm is definitely in violation of Part 2 as his name does not appear on the stationary. The firm is also in violation of Part 3 as there is no Registrant "in" the office as required.

That Mr. Tucker is not a regular employee of "Sierra Testing and Engineering, Inc." can be readily substantiated by referring to the Arizona Department of Economic Security.

I shall appreciate your assistance in this matter at your earliest possible convenience.

Very truly yours,
EDGAR M. BOLLIN



EMB:sk



city of sierra vista

400 SHERBUNDY, NORTHWEST
SIERRA VISTA, ARIZONA 85635

03907

AREA CODE 602
ADMINISTRATION 458-3315
DEPARTMENT OF PUBLIC WORKS 458-2840
DEPARTMENT OF PUBLIC SAFETY 458-3311
BUILDING DEPARTMENT 458-8350

July 12, 1977

Mrs. Sue Bollin
Bollin Scientific Laboratory
R.R. 1, Box 1006
Sierra Vista, AZ 85635

Dear Mrs. Bollin:

Mr. Strouse has checked into your inquiry regarding soils testing for the street design in the Villas de San Andrea Subdivision. He has confirmed that the engineer on the project has a report supplied by Sierra Testing Lab.

We appreciate your concern and interest in projects within the City and encourage your future cooperation in our efforts to assure quality design and construction of our City facilities.

Mr. Strouse has agreed that your proposal to supply us with a weekly activity report on testing you are involved in will be most helpful. Thank you for the suggestion.

Very truly yours,

GEORGE P. MICHAEL, JR., P.E.
Director of Public Works

GPM/sw



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03908



TESTING and ENGINEERING, INC.

January 5, 1973

Mr. M. M. Sinks
Circle S Ranch Estates
P. O. Box 578
Sierra Vista, Arizona 85635

Re: In place preliminary soil samples
Circle S Ranch Estates
Sierra Vista, Arizona

Dear Mr. Sinks:

In accordance with your request, we performed sampling and testing of soil samples in the proposed roadway on site of the subject project.

A premarked plat was submitted to us prior to sampling. All samples were taken as indicated within reasonable tolerances.

Test procedures and results are submitted in the subsequent pages of this report.

Respectfully submitted,

David Niese

David Niese, P.E.
Reg. #8081

Amos B. Hatt Sr.

Amos B. Hatt, Sr.
Vice President - General Manager

ABH:pt

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13909



TESTING and ENGINEERING, INC.

April 20, 1977

Circle S Ranch Estates
PO Box 578
Sierra Vista, AZ 85635

Attached are the test results taken on Circle S Ranch Estates.
The following streets were tested in accordance with Cochise
County Specifications:

Sunnyvale Rd
Madelein Dr
Brickley Dr
Rogers Dr
Linda Vista Dr
Circle S Dr

L B Taylor
L. B. Taylor
President



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TESTING and ENGINEERING, INC.

Feb 16, 1977

Sierra Ready Mix
PO Box 1506
Sierra Vista, AZ 85635

PROJECT: Vista Village

We determined the job mix formula for the asphaltic concrete surface course to be used on the above project. The aggregate used in the mixture consisted of fine, intermediate and coarse aggregate from the stockpiles in your yard and originating from the pit approximately 3 miles west of the Y Townsites.

The asphalt used in the mixture consisted of AR4000 with 1% anti-strip obtained from the Arizona Refining Company.

Specimens containing the aggregate in the proportions shown were prepared and tested in accordance with ASTM 1559, Marshall Method, using 50 blows per side.

The criteria used in determining the optimum asphalt content was based on the M. A. G. specifications.

SPECIFICATIONS

| | 50 Flow Compaction |
|-------------------------------------|--------------------|
| Stability minimum pounds | 1000 |
| Flow maximum 1/100 inch units | 20 |
| Voids total mix percent | 2-4 |
| Voids filled with Bitumen percent | 75-85 |
| Asphalt percent of weight total mix | 5.5%-7.5% |

AGGREGATE GRADATIONS SPECIFICATIONS

Sieve Openings

1"
3/4"
1/2"
3/8"
No. 4
No. 8
No. 30
No. 200

Specifications

100
97-100
85-100
70-90
50-75
35-65
20-40
2-5



ROAD SCIENTIFIC LABORATORY

TESTS OF AGGREGATE USED IN MIX DESIGN

| Material Sieve % Passing | Coarse AGG. | Intermed. AGG. | Fine | Blend 25-20-55 |
|--------------------------|-------------|----------------|------|----------------|
| 1/2" | 100 | 100 | 100 | 100 |
| 3/8" | 50.2 | 70 | 100 | 80-85-90 |
| 1/4" | | 60 | 100 | 62-67-72 |
| No. 4 | | 29 | 100 | 56-61-66 |
| No. 8 | | .7 | 97 | 48-53-58 |
| No. 10 | | | 96 | 48-53-58 |
| No. 16 | | | 82 | 40-45-50 |
| No. 30 | | | 55 | 25-30-35 |
| No. 40 | | | 45 | 20-25-30 |
| No. 50 | | | 37 | 15-20-25 |
| No. 100 | | | 18 | 5-10-15 |
| No. 200 | | | 10 | 4-6-8 |

Using the above blend of aggregate and mixing with 6.4% blend of asphalt we obtained the following results:

| | |
|---------------------------|-------|
| Stability | 2865 |
| Flow | 12 |
| Voids total mix | 4.0% |
| Voids filled with bitumen | 78.4% |
| Index Stability retained | 77.7% |

The aggregate and asphalt shall be heated sufficiently to result in a mixture temperature of 300F to 325F when discharged from the pug mill. The aggregate shall not be heated more than 25F above the asphalt temperature.

Respectfully submitted,

L. B. Taylor

L. B. Taylor
President



03912

BOLLIN SCIENTIFIC LABORATORY

Soils and Materials Testing
R.R. 1. BOX 1006
SIERRA VISTA. ARIZONA 85635

EDGAR M. BOLLIN. Ph.D.
Registered Geologist

16021 458-9123
16021 458-6052

Mr. Edward Drewry, Executive Director
Arizona State Board of Technical Registration
1645 West Jefferson
Phoenix, Arizona 85007

August 30, 1977

Subject: Mr. L.B. Taylor, President of the firm "Sierra Testing and Engineering, Inc."; Violation of A.R.S. 32-106.01-B, 32-121, 32-125-D, 32-141, 32-142-A, 32-145-1 & 32-145-2.

Dear Mr. Drewry:

I request that the State Board petition the Superior Court to issue an injunction forthwith in the name of the State Board against the above named person and firm under A.R.S. 32-106.01, Section A, to enjoin the practice of engineering. Under Section B of this statute I do so charge that Mr. L.B. Taylor and the firm of Sierra Testing and Engineering, Inc. engaged in the practice of engineering on the 26 day of May, 1977 in Cochise County without a registration and without being exempt pursuant to Section 32-144 from registration requirements.

Attached is a report of this date concerning a Soil Investigation of the Circle K Building, Highway 92 South, Sierra Vista, Arizona. This report was submitted to the Director of the Building Department of the City of Sierra Vista, Arizona, Mr. Richard J. Kirkman, following a request to the owner to submit a soil study for the purpose of determining if the bearing capacity of the soil was sufficient for the design of the footings.

In as much as this report is self incriminating and sufficient unto itself to justify the issuance of such an injunction, I request that the Executive Director act thereon immediately if within his powers.

At the very least, I would expect the State Board to act immediately on this matter of the injunction without the prolonged delay of a lengthy investigation.

On the remainder of the charges I would expect the Board to deliberate fully and recommend that the Cochise County Attorney investigate such charges as they recommend.

Edgar M. Bollin

Mr. Edward Drewry
Page II

August 30, 1977

Mr. Taylor has not complied with 32-121 as he does not have a registration. He has repeatedly violated 32-125-D in that for the major portion of the sealed reports submitted to the County and to the Building Department and Engineering Department of the City of Sierra Vista have been on reports prepared by Mr. Taylor.

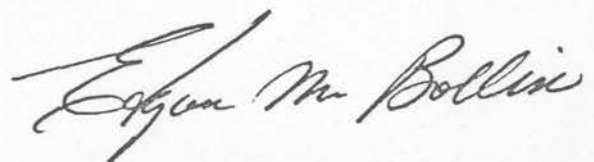
The firm of Sierra Testing and Engineering, Inc. is in violation of 32-141 in that there is no registrant in full authority or responsible charge nor present in the office or even in the same county. The two registrants who have been used, Mr. David Niese, 8081, and Mr. Samuel Tucker, 2242, have never resided in Sierra Vista, never been in the office for an appreciable period of time, have not appeared on the firm stationary and have not been officers of the corporation. The Department of Economic Security files will show that the firm does not employ either of these registrants.

The firm and Mr. Taylor are in violation of 32-142-A in that the present construction inspection and testing of Lenzner Avenue for the City of Sierra Vista is in progress without the presence of a registrant.

Mr. Taylor is guilty of a misdemeanor under 32-145-1 in that he has practiced engineering as evidence by the report for the attached Circle K Building. Mr. William Bridgewater, former Engineering Inspector for Cochise County has informed me that numerous reports of Mr. Taylor's without a seal exist in the files of the Cochise County Engineer's Office. This may be readily confirmed by investigation of these files.

Mr. Taylor is in violation of 32-145-1 in that the name of the company itself implies that he is qualified to practice engineering and the attached copy of last years yellow pages from the Sierra Vista telephone directory proves that he is in violation of 32-145-2 also.

Respectfully submitted,
Edgar M. Bollin



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03914

Sierra

TESTING and ENGINEERING, INC.

26 May 1977

Circle K Corporation
4500 S. 40th St.
Phoenix, Arizona

Re: Circle K Store on Highway 92 S., Sierra Vista, Arizona

Gentlemen:

On 25 May 1977 we conducted an onsite soil investigation to determine if and where fill materials had previously been dumped and the density of the footings. A copy of our tests is attached.

Based upon our tests we recommend the North, West and South footing be scarified to a depth of 6" and recompact to at least 95% of maximum density (ASTM 698). The East footing should be dug to at least 3' below grade and either filled with concrete or recompact in 6" lifts to 95% maximum density.

Remove all materials from the area north of the gas tanks which show chunks of asphalt. This material may be reused but will be replaced in lifts of 6" and compacted to 95% maximum density, under the supervision of Sierra Testing and Engineering, Inc.

Respectfully submitted,

L B Taylor

L. B. Taylor
President

LBT/dn

encl.

03915

Laboratories—Dental (Cont'd)

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**EDGAR M. BOLLIN Ph.D.
REGISTERED GEOLOGIST**

1201 Fry Blvd Sierra Vista-----458-9123

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- SOILS
- CONCRETE
- ASPHALT



Sierra

TESTING and ENGINEERING, INC.

296A FRY BLVD. S.E.
SIERRA VISTA, ARIZONA 85635
(602) 458-8260

January 1975

(d)

ON 1148 1/2 19 Douglas -364-3194
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Sierra Vista -----458-5651

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MEETINGS—

Y OF EVERY MONTH 7 P.M.

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vertisement This Page)

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In the matter of Mr. Taylor and Sierra Testing the Executive Director suggested it be investigated to determine if Mr. Taylor has an engineer on the payroll before a cease and desist letter be sent. It was moved by Mr. O'Bannon and seconded by Mr. Porcarello that the Board instruct the Executive Director to investigate the Sierra Testing and Engineering company and depending on the findings that he follow through with the Attorney General's office in the way that it is deemed necessary and notify Mr. Bollin that it is under consideration by the Board with a note about his advertisement in the telephone directory. Motion carried.

UNFINISHED BUSINESS

Mr. Sillyman reported that in the matter of E. A. Hollman whose registrations were suspended by the Board for a period of six months at the May 6, 1977, special Board meeting, has been appealed by Mr. Hollman to the Superior Court in Pima County. Motion to set date for oral arguments should be within 30 to 60 days. Tom Prose of the Attorney General's office is handling the appeal.

Letter to the Attorney General's office requesting an opinion on the "grandfather clause" as shown on Minute Page 3917, and his opinion, dated July 14, 1977, as shown on Minute Page 3918, 3919 and 3920, were presented. It indicated to the Board that they had no legal basis to regulate a "grandfather clause."

NEW BUSINESS

It was moved by Mr. Edson and seconded by Mr. O'Bannon that the Landscape Architect member be authorized to attend the annual meeting of Council of Landscape Architectural Registration Boards in Minneapolis, Minnesota on September 22-23, 1977.

Mr. Gomez presented a letter to the Board, as shown on Minute Pages 3921 and 3922, for their consideration. It was moved by Mr. O'Bannon and seconded by Mr. Edson that No. 18 of the personal audience examination be eliminated and an appropriate substitute be made and reported at the December Board meeting. Motion carried.

Mr. Gomez explained that up until now we had accepted registration of land surveyors from other states without examination. Since Part 4 of the land surveying examination deals strictly with Arizona land laws, the land surveyors from other states will now be required to pass Part 4 before registration can be granted.

Mr. Earley reported he had contacted Jack Stanton of the Data Center regarding providing a list of registrants by disciplines. Mr. Stanton said the programming would cost approximately \$100 for such a printout. Discussion was held of the possibility of listing in the alphabetical section of the annual report, the registrants by discipline. It was moved by Mr. O'Bannon and seconded by Mr. Gomez that the Executive Director find out the exact cost of producing such a list. Motion carried.

Mr. Goodwin suggested that with the annual renewal notice a notice be sent to all registrants requiring those which are operating as a firm or corporation furnish this office with a copy of their letterhead showing the principals or officers of their firm or corporation. In discussion of this suggestion, it was noted that the compliance by some individuals would not be forthcoming.

December 20, 1976

Mr. Edward G. Drewry
Executive Director
Board of Technical Registration
1515 West Washington
Phoenix, Arizona 85007

Mr. Francis Fleming, Asst. Atty. Gen.
Attorney General's Office
State Capitol
Phoenix, AZ 85007

Dear Mr. Fleming:

At the meeting of the Board held December 10, 1976, it was resolved that an opinion be requested from the Attorney General whether or not the Board may use a "grandfather clause" as a requirement for registration for a limited time. The grandfather clause would be applied only to new disciplines and would be replaced by the normal examination procedure when the time period expires.

Sincerely,

Edward G. Drewry
Executive Director

EGD/js



DEPARTMENT OF LAW
OFFICE OF THE

Attorney General
STATE CAPITOL
Phoenix, Arizona 85007

03918

BRUCE E. BABBITT
ATTORNEY GENERAL

July 14, 1977

Mr. Edward G. Drewry
Executive Director
State Board of Technical Registration
1645 West Jefferson
Phoenix, Arizona 85007

Re: 77-144 (R76-501)

Dear Mr. Drewry:

This letter is in response to your request for an opinion from this office regarding the following question:

When the Board of Technical Registration initially recognizes a branch of engineering, may a "grandfather clause" be utilized by the Board to enable all applicants to receive a Certificate of Registration in that branch for a limited period of time until qualification standards and an examination procedure can be established?

A.R.S. § 32-106.B requires the Board to decide which branches of engineering shall be recognized for purposes of the technical registration laws. Once the Board recognizes a particular branch of engineering Title 32, Chapter 1, Article 2, Arizona Revised Statutes governs with respect to the requirements for registration in that branch. The general qualifications for an applicant for registration as an engineer in Arizona are that he or she:

. . . shall be of good moral character and repute, and shall have engaged actively for at least eight years in . . . engineering.
. . . work of a character satisfactory to the board, but each year . . . of study satisfactorily completed in an . . . engineering school approved by the board up to a maximum of five years may be considered equivalent to one year of active engagement. (Emphasis added.)

A.R.S. § 32-122.A.

Mr. Edward G. Drewry
July 14, 1977
Page Two

The applicant desiring to practice engineering must make application for registration on a form prescribed by the board, and

A. . . .

[i]f the evidence submitted satisfies the board that the applicant is fully qualified to practice the profession for which registration is asked, it shall give him a certificate of registration . . .

B. If in the judgment of the board the applicant has not furnished satisfactory evidence of qualifications for registration, it may require additional data, or may require the applicant to submit to an oral or written examination.

A.R.S. § 32-123.A and B.

Unless an applicant can show that he has completed the requisite number of years of active engagement in the practice of engineering of a nature satisfying the board that he is fully qualified, then he is not eligible to receive a Certificate of Registration.

A "grandfather clause" is an exception to a regulatory scheme and is

generally found where occupations not formerly regulated by statute are brought under legislative control. They permit those who have been in continuous practice in the particular occupation for a prescribed period immediately preceding the effective date of the act to receive a license.

State Board of Dispensing Opticians v. Schwab,
93 Ariz. 328, 329, 380 P.2d 784, 785 (1963)

A review of the state laws governing registration of engineers reveals no such exception. When the Legislature fails to make an exception, it is presumed that no exception is intended. Bushnell v. Superior Court of Maricopa County, 102 Ariz. 309, 428 P.2d 987 (1967). Further, the authority of an

Mr. Edward G. Drewry
July 14, 1977
Page Three

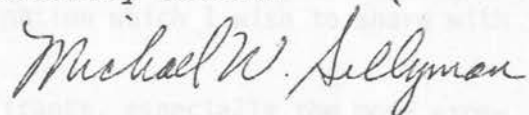
administrative agency is limited by statute, and the agency may not exceed those limits. Kendall v. Malcolm, 98 Ariz. 329, 404 P.2d 414 (1965). An attempt by an administrative agency to create a rule or regulation inconsistent with its statutory grant would be considered a usurpation of the constitutional powers vested in the legislative body. Swift & Co. v. State Tax Comm., 105 Ariz. 226, 462 P.2d 775 (1969).

The Board has been given discretion to determine what constitutes engineering work of a character satisfactory to meet the eight year requirement of active engagement in the profession. However, it has no statutory authority to excuse that eight year work requirement or to except any applicant from necessary qualifications other than as provided in Title 32, Ch. 1, Arizona Revised Statutes. Furthermore, there is no statutory authority whatsoever which would allow the issuance of a Certificate of Registration "for a limited time."

Accordingly, it is the opinion of this office that the Board of Technical Registration may not utilize a "grandfather clause" to enable applicants to receive a Certificate of Registration in a designated branch of engineering without first being furnished evidence that satisfies the Board that the applicant has actively engaged in at least eight years of engineering work of a satisfactory character pursuant to A.R.S. § 32-122.

Sincerely,

BRUCE E. BABBITT
Attorney General



MICHAEL W. SILLYMAN
Assistant Attorney General

MWS:jrs



Rod J. Gomez, P.E.
Arthur H. Martin, P.E.
Ramon Elias, P.E.
Michael E. Harris, P.E.

September 9, 1977

State Board of Technical Registration
1645 West Jefferson
Phoenix, Arizona 85007

Re: Personal Audience Examination
Validity of Question #18

Gentlemen:

I have been a member of this board and the Engineers Evaluation Committee for the past two years. During this time I have had the occasion to evaluate the results of the written Personal Audience Examination which is administered to every applicant to determine their knowledge of the Code, Rules and By-Laws of the State Board of Technical Registration. I believe that my own and other board members evaluation is primarily based on the applicants general comments and personal questions regarding his or the boards' interpretation of Code.

I might further relate, that most applicants generally hold a lot of respect for the board members and consequently when in doubt regarding the interpretation of any rules of conduct, they will most generally accept the board members own interpretation of the rules. I therefore feel it is certainly important that the board members interpretations, of the most questionable or vague rules, be correct and consistent with the intent of the law. In this regard I have the following comments and observations regarding the present examination which I wish to share with you as follows:

- (1) Apparently the majority of the applicants, especially the more experienced out of state registrants have complemented the board and this state for requiring and conducting the personal audience and Code Examination. They seem impressed with our registration procedure because of its businesslike and professional attitudes. Evidently our present procedures impart a sense of conscientious responsibility from the board and the staff. Obviously, the procedure should be continued as long as possible.

877 South Alvernon Way / Tucson, Arizona 85711 / (602) 881-4309

Roberto C. Ruiz, P.E. Jose R. Frisby, P.E. Wayne L. Clark III, P.E. Mohit K. Modi, P.E. Cross M. Caraway, L.S.
Members of the National Society of Professional Engineers

State Board of Technical Registration -2-
Personal Audience Examination
Validity of Question

September 9, 1977

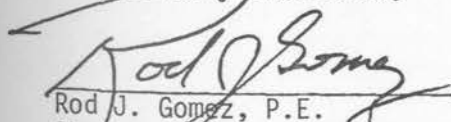
- (2) The written examination given to every applicant during their personal audience is referred to as the Personal Audience Examination, Series 7. The examination has apparently never been given an official title or name for legal reference purposes. In as much as the examination is serving such a worth while purpose and is so effective in encouraging the applicants to learn the Code, I suggest that this board provide an official name for the examination for legal and procedural reference purposes. For example, "Code and Rules Examination".
- (3) There is one question (reference #18) in the present examination, regarding the relative practice of Structural and Civil Engineering which is confusing, ambiguous and inapplicable to this examination. Consequently, the question is misunderstood and missed by most applicants. First of all the question has nothing to do about the Code, Rules or By-Laws and a satisfactory interpretation of the question cannot be found in the printed matter normally submitted for review by the applicants.

In my opinion, the question does not belong in the examination and should be removed. I believe the interpretation of this question by some previous board members was ambiguous and inconsistent with the provision of ARS 32-143. For example, applicants are usually told that Structural Engineers cannot practice Civil Engineering, which is true and also applicable to any other engineering disciplines. However, applicants are also told that Civil Engineers can practice Structural Engineering which I believe is erroneous. Structural Engineers are required to take an additional 8 hours of examination in earthquake and special structural analysis to prove his competency in that field. I therefore submit that the law did not intend for the Civil Engineer to be given the special distinction of being qualified to practice structural engineering or any other discipline presently recognized by other registration, otherwise there would be no need for the other registrations.

In consideration of the above referenced comments, I request that the board consider that question #18 be eliminated from the examination and a more appropriate question regarding the Code, Rules and By-Laws, be substituted in its place. The boards' Evaluation and Examination Committee could compose and submit suggested substitute question for the boards approval.

The boards' attention to this matter and applicable action should be considered at their earliest convenience.

Respectfully Submitted,



Rod J. Gomez, P.E.
Chairman, Engineering Evaluation
and Examination Committee

RJG:ht

cc: All Board Members

NEW BUSINESS - Continued

Mr. Drewry explained that in the past we have sent out a newsletter with previous distributions regarding certain aspects of the Code and might do the same in this instance. It was moved by Mr. Goodwin and seconded by Mr. Trimble that a newsletter be sent with the renewal notices referring to the proper Code where the name of the registrant should be on the letterhead. Motion carried.

The following meeting dates were approved:

Engineering Examination Committee (to review exams to be given on November 5 & 6, 1977) - October 21, 1977

Architectural and Landscape Architectural Evaluation Committee - November 9 & 10, 1977

Engineering Evaluation Committee - November 15, 16, 17 & 18, 1977

Regular Board meeting in Phoenix - December 2, 1977

The Architectural Professional Examination will be held December 12 and 13, 1977, in Phoenix at the Civic Plaza and in Tucson at the Holiday Inn East.

ADJOURNMENT

It was moved by Mr. O'Bannon and seconded by Mr. Gomez that the meeting be adjourned at 2:40 P.M. Motion carried.

CHAIRMAN

B.A. Jenering

SECRETARY

D. Hualdon

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

DECEMBER 2, 1977

The meeting of the State Board of Technical Registration was called to order by Dr. R. A. Jimenez, Chairman, in Room 113, 1645 W. Jefferson, Phoenix, Arizona, Friday, December 2, 1977, at 9:10 A.M.

PRESENT

- R. A. Jimenez, Chairman
- Sam Caruso
- F. Mark Edson, Secretary
- Wayne O. Earley
- Rod. J. Gomez
- Kemper Goodwin
- Charles E. O'Bannon
- Patrick H. Porcarello
- John B. Trimble
- Michael W. Sillyman, Asst. Atty. Gen.

ABSENT

It was moved by Mr. Porcarello and seconded by Mr. Gomez that the minutes of the regular meeting of the Board on September 9, 1977, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE RULES & BY-LAWS COMMITTEE

No report.

REPORT OF THE LEGISLATIVE COMMITTEE

The committee had no report but Mr. Goodwin inquired as to what really is the function of the committee. When he had served on the Board previously, the committee worked with the professions and tried to get certain changes made in the registration law. The Chairman stated that the function of the Board was to implement the law but suggested that the committee itself define their rule as to what direction their committee should take.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

Letter from Joseph T. Colosa, architectural applicant #77-528, requesting permission to address the full Board was presented and Mr. Colosa appeared before the Board, explaining his background in architectural work. His reason for appearing was to be permitted to take the Professional examination in December even though he had not been able to appear before the Architectural Evaluation Committee in November. The reason he had been deleted from the schedule of applicants for their meeting was one of his references had not responded, Mr. Balzic, but who did send a telegram on November 10, 1977 since the first questionnaire had not been received by the office. A second questionnaire was received while the meeting was in progress, and Mr. Edson recommended that the Architectural Evaluation Committee meet during the lunch hour to review Mr. Colosa's file since this reference was the only thing that might preclude his taking the examination.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES - Cont'd.

When the Board reconvened after lunch, it was moved by Mr. Edson and seconded by Mr. Porcarello that Mr. Colosa be admitted to take the Professional examination in December and the Qualifying Examination in June. Motion carried.

Mr. Paul Cinchurak requested to appear before the Board regarding his architectural application #77-465. The architectural committee had recommended his application be denied for lack of experience. Mr. Chinchurak appeared before the Board and quoted the law regarding architectural practice and qualifications of an applicant. He explained he had worked for the City of Phoenix for 17 years under the direction of Andrew Tang. Mr. Edson explained the committee's position of this case and the committee felt the character of experience as shown on his application was unacceptable as to what they would like to see and additional experience was necessary. Mr. Chinchurak, to explain the quality of his work, passed out for the Board's review the plans he had prepared and some contract documents. He read several letters from architects and others commending him on his work performed on various projects. Mr. Caruso inquired of the architect committee how they arrived at evaluating his application where he needed three more years of experience. Mr. Goodwin stated it was the quality of his work not the 17 years of time. The majority of the work he had done was small warehouses and remodeling, which was simply not well-rounded experience. If he kept on checking plans and repeating the experience he already had, the quality of his experience would not be improved. Mr. Chinchurak, in response to Mr. Gomez, told them his title was Architectural Technician 4. He had started out as a 2 and had gone as high as he could in this position. Mr. Goodwin noted that he had applied for Civil Engineering registration in 1965 and was an engineering aide for the City at that time, where he was doing work on roads, sewers, etc. and not designing building projects. It was moved by Mr. Edson and seconded by Mr. Porcarello that this discussion be closed and the matter tabled until the full report of the Architectural Evaluation Committee. Motion carried.

A petition for reconsideration for Gregory James Robinson, architectural applicant #77-484, was presented and Mr. Robinson together with his attorney, Scott Schlievert, appeared before the Board. Mr. Robinson requested from the Architectural Evaluation Committee those specific reasons for which his application was being denied to allow him to take the professional examination. The principle concern of the Architectural Evaluation Committee was Mr. Robinson's arrangement in his work. He lives in Tucson, works in Tucson, but works for a registered Architect who resides in San Diego, and their interpretation is he is not working under the direct supervision of the registrant. Mr. Robinson said that Mr. Nagle, his employer, did not have an office in Tucson but he was working on two projects for Mr. Nagle in the Tucson area as a designer to finish out the contracts, but does not solicit contracts for him. Mr. Goodwin stated he is doing production in Arizona without an office, and Mr. Robinson is not under his direct supervision since he does not have daily consultation. When the committee considers the total scope of the work an architect is required to have such as preparing specifications, producing drawings and design, you cannot get that on your own, but under the experience of a man who is licensed. He should be working in his office in San Diego. Mr. Robinson's attorney inquired since from the rules he could not determine what requirements have to be made if there is a place which contains the decisions of the Board and was informed the minutes of the Board are public record. Since the previous Board had denied Mr. Robinson and said he needed one more year at that time, how much credit would he receive

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES - Cont'd.

from his present employment for the past year. It was indicated possibly four months when working with the Horizon Corporation. It was moved by Mr. Edson and seconded by Mr. Porcarello that the hearing be closed and tabled until the full report of the Architectural Evaluation Committee. Motion carried.

Mr. F. L. Miller, architectural applicant #77-473, appeared before the Board, and Mr. Edson explained that the recommendation of the committee on Mr. Miller was that he was to obtain one more year of qualifying experience. Mr. Miller stated he could only remember two things which the committee said he needed for qualifying experience and they were client relationship and cost analysis. He stated he would like the Board to consider, in all sincerity, he does have enough time and enough experience. It was explained that the committee reports are not final but it is Board action that decides on an application. He explained that when at St. Johns he was in charge of maintenance on the plumbing and electrical work. He did alot of the calculations giving him the background for electrical and mechanical experience. He stated that cost analysis is a vague term but it is when you try to keep within the budget with the going prices of construction. Mr. Edson inquired if he had other work experience which was not in his application since his was a marginal case. He stated he worked for the County where he received structural experience and gained thorough knowledge of the Code. He also stated he had a desire to move up with registration in the government. Mr. Goodwin explained that it is not the same architectural work as development of design, working drawings, cost estimates, etc. and does not have enough time. Mr. Edson explained that he showed concurrent time with the University during the same period as he was employed and was given credit of five years for his schooling and did allow for his summer work. It was moved by Mr. Edson and seconded by Mr. Porcarello that the hearing be closed and tabled until the report of the Architectural Evaluation Committee. Motion carried.

Mr. Edson presented the Architectural Evaluation Committee meeting report of November 9 and 10, 1977, as shown on Minute Pages 3927, 3928, 3929, 3930 and 3931. It was moved by Mr. Edson and seconded by Mr. Goodwin that this report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

After the acceptance of the Committee report, Dr. Jimenez advised those present who had appealed their applications, they had the right to appeal the action of the Board and that copies of the minutes are available for reproduction costs.

Mr. Earley presented the Landscape Architectural Evaluation Committee meeting report of November 10, 1977, as shown on Minute Page 3932. It was moved by Mr. Earley and seconded by Mr. Goodwin that the report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Meredith L. Williams, Mechanical Engineering applicant #77-509, appeared before the Board and stated he was told by the Engineering Evaluation Committee he would have to take Parts 1, 2, 3 and 4 of the written examination. He took a 16-hour examination in Michigan, but did not pass Part 2 of their three-part examination. He then moved to Wisconsin where he submitted his record and on the basis of his education and experience was granted a license in 1965 as a mechanical engineer. He gave his background both professionally and outside activities of his profession. It was moved by Dr. O'Bannon and seconded by Mr. Gomez that Mr. Williams' appeal be denied and reaffirm the recommendations of the Evaluation Committee. Motion carried.

DATE: November 23, 1977

TO: State Board of Technical Registration
 FROM: Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on November 9 and 10, 1977, in Phoenix, Arizona, with the following members present:

F. Mark Edson
 Kemper Goodwin

There being a quorum present at all times the committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the committee and satisfied the committee they are fully qualified, including the treatise on seismic forces, to receive architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

| | | | |
|------------------------------|--------|--------------------------|--------|
| Bailey, Robert Griffith, Jr. | 77-420 | Jones, Merrill Aubrey | 77-437 |
| Cooper, Clifford A. | 77-314 | Kerr, Roger Eliot | 77-459 |
| DeRevere, Dell Haas | 77-516 | Kessler, Stuart Alan | 77-83 |
| Duff, Edwin Ramond | 77-446 | Meek, Harold L. | 77-515 |
| Fisher, A. Robert | 77-494 | Schlientz, Randall Harry | 77-351 |
| Gilmour, James Lowell | 77-456 | Seitz, George Whittier | 77-365 |
| Janssen, Herman Phillip | 77-97 | Walters, Stanley Irving | 77-472 |

- II. The following applicants having appeared before the committee, while completing their personal audience interview, need demonstration of additional evidence of their proficiency, A.R.S. 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the December, 1977 and June, 1978, examinations:

| | | |
|------------------------------|--------|-----------------------------|
| Abell, James Logan | 77-507 | Professional |
| Al-Alawi, Kamal | 77-525 | Full Qual. & Professional |
| Balmer, Wesley Robert | 77-205 | E,F of Qual. & Professional |
| Beier, Terry Grant | 77-470 | Professional |
| Bern, Ross Hilton | 77-536 | Professional |
| Cosentino, Anthony P. | 77-339 | Professional |
| Drakulich, Donald M. | 77-539 | Professional |
| Hodges, Thomas Ronald | 77-483 | E,F of Qual. & Professional |
| Hutchison, Randall Lee | 77-498 | E,F of Qual. & Professional |
| Jarchow, John Frederick | 77-362 | E,F of Qual. |
| Jensvold, Daniel Martin | 77-413 | Professional |
| Jones, David Lee | 77-485 | Professional |
| Kimball, Bruce W. | 77-474 | Professional |
| Kuzmik, Michael Lee | 77-512 | Professional |
| Ladd, Stephen Gary | 77-496 | E,F of Qual. & Professional |
| Lesnick, Christopher Michael | 77-464 | E,F of Qual. & Professional |
| Littler, Norman Herbert, Jr. | 77-444 | Professional |

II. Continued.....

| | | |
|----------------------------|--------|-----------------------------|
| MacVittie, Michael | 77-457 | Professional |
| Martin, Thomas Charles, II | 77-471 | Professional |
| Nolan, James Arthur | 77-514 | E,F of Qual. & Professional |
| Patterson, Jon Barry | 77-430 | E,F of Qual. & Professional |
| Rand, Guilford Allen | 77-497 | Professional |
| Rehfeldt, Richard Philip | 77-463 | Professional |
| Roberts, James Anson | 77-495 | Professional |
| Schick, Richard Henry | 77-487 | Professional |
| Schmitt, David Leo | 77-540 | E,F of Qual. & Professional |
| Sexton, Douglas Robert | 77-493 | E,F of Qual. & Professional |
| Smales, John Michael | 77-469 | Professional |
| Solberg, Richard Craig | 77-486 | Professional |
| Stevens, Michael Evans | 77-488 | Professional |
| Territo, Vincent M. | 77-475 | Professional |
| Thompson, Stephen John | 77-455 | Professional |
| Thomson, David Fisher | 77-450 | Professional |
| Unti, Harvey George | 77-394 | Professional |
| Watkins, David Walter | 77-429 | Professional |
| Ziehn, William Charles | 77-275 | E,F of Qual. & Professional |

III. The following applicants appeared before the committee and the evaluation of their applications determined that they should be denied for lack of experience of a character satisfactory to the Board under A.R.S. 32-123.A with the refund as shown:

| | | |
|----------------------------|--------|---------|
| Brooks, John L. | 77-535 | \$10.00 |
| Chinchurak, Paul | 77-465 | \$10.00 |
| Christensen, Danny Dale | 77-508 | \$10.00 |
| Drake, Elizabeth Ann | 77-529 | \$10.00 |
| Fernandes, Joseph Ferreira | 77-504 | \$10.00 |
| Lockhart, Brian | 77-524 | \$10.00 |
| Mazziotti, Vincent Gregory | 77-538 | \$10.00 |
| Miller, Fidelis Leonard | 77-473 | \$10.00 |
| Palmeri, Richard P. | 77-513 | \$10.00 |
| Robinson, Gregory James | 77-484 | \$10.00 |
| Weiss, Peter M. | 77-451 | \$10.00 |

IV. The following applicants having been advised twice or more they were scheduled to appear before the committee and for their failure to do so, the committee recommends they be denied for failure to complete the requirements of the Board within a reasonable length of time:

| | |
|----------------------------|--------|
| Eyerman, Thomas Jude | 77-202 |
| Kennon, Paul Atherton, Jr. | 77-175 |
| Morris, Randy J. | 77-311 |
| Nakamura, Clarence I. | 77-279 |
| Torok, Tamas Peter | 77-184 |

V. The committee recommends the following applicant be denied for failure to submit his treatise on seismic forces within a reasonable length of time:

| | |
|-------------------------|--------|
| Colton, Bernard William | 77-137 |
|-------------------------|--------|

VI. The Architectural Examination Committee reviewed the results of the Architectural Theory and Construction Theory and Practice of the qualifying examination given in June, 1977. The committee recommends that the results as shown on the pages following this report be certified.

The committee recommends to the Board that Recommendations I through VI of this report be accepted and implemented.

Respectfully submitted,

F. Mark Edson

F. Mark Edson, Chairman

| | | | | |
|--------|-----------------------|---|---|------------|
| 75-134 | Linderman, Terry W. | P | P | A |
| 76-515 | Lynch, Edward W. | P | P | A |
| 75-258 | Robbins, Robert C. | P | P | A, B, C, D |
| 76-312 | Shaner, Larry E. | P | P | A, B, C, D |
| 77-103 | Watson, James Richard | P | P | A, B, C, D |
| 75-103 | Williams, Harold E. | P | P | B, C, D |

ARCHITECTS-IN-TRAINING

| | | | | |
|--------|------------------------|---|---|------------|
| 77-3 | Abell, James Logan | P | P | A, B, C, D |
| 77-41 | Malpass, R. Oscar R. | P | P | A, B, C, D |
| 77-7 | Bellamy, Karen | B | B | A, B, C, D |
| 77-16 | Arigo, Ronald Lee | P | P | A, B, C, D |
| 77-10 | Conan, Gilbert A., Jr. | P | P | A, B, C, D |
| 77-14 | Cox, Mel R. | P | P | A, B, C, D |
| 78-1 | Dawson, Bruce L. | P | P | A, B, C, D |
| 78-3 | Elfe, James Richard | P | P | A |
| 75-102 | Hankins, James R., Jr. | P | P | B, C, D |
| 77-15 | Houder, Joseph W. | P | P | A, B, C, D |
| 77-13 | Hopkins, William S. | P | P | A, B, C, D |
| 77-4 | Jenkins, Dale E. | P | P | A, B, C, D |
| 77-1 | King, Susan Brian | P | P | A |
| 75-101 | Lindquist, Bruce L. | P | P | A |
| 77-11 | Nassar, Charles T. | P | P | A |
| 77-9 | Sord, William G., IV | P | P | A |
| 77-17 | Silver, David L. | P | P | A, B, C, D |
| 77-5 | Walt, Gary R. | P | P | A, B, C, D |

| ARCHITECTS | | Arch.Theory | Const.Theory & Practice | Passed |
|------------|-----------------------|-------------|----------------------------|---------|
| No. | Name | A | B,C,D | |
| 71-414 | Biddle, Warren R. | P | F | A |
| 72-103 | Coracides, Basilio B. | P | F | |
| 74-499 | Duncan, Clarence D. | F | F | |
| 77-167 | Famous, George W. | F | P | B,C,D |
| 75-331 | Fuller, Newell Judd | F | F | |
| 75-479 | Hinkle, Clyde Wallace | F | P | |
| *76-105 | Hunter, Wallace Lee | P | P | A |
| 71-318 | Kopecek, Josef Robert | P | P | B,C,D |
| 76-116 | Lewis, Robert A., Jr. | P | P | A,B,C,D |
| *75-154 | Linderoth, Terry R. | P | P | A |
| 74-538 | Lucero, Edward H. | F | F | |
| 75-358 | Robison, Robert C. | F | P | |
| *76-312 | Searer, Larry E. | P | P | A,B,C,D |
| 77-163 | Watson, James Richard | P | P | A,B,C,D |
| *75-363 | Williams Harold P. | P | P | B,C,D |

ARCHITECTS-IN-TRAINING

| | | | | |
|---------|------------------------|---|---|---------|
| *77-9 | Abell, James Logan | P | P | A,B,C,D |
| 77-21 | Balbuena, D. Oscar R. | F | F | |
| 77-7 | Bellamy, Karen | P | P | A,B,C,D |
| *77-16 | Briggs, Ronald Lee | P | P | A,B,C,D |
| 77-19 | Comon, Gilbert A., Jr. | F | F | |
| 77-14 | Cox, Val M. | P | P | A,B,C,D |
| 77-3 | Dawson, Bruce L. | P | P | A,B,C,D |
| *76-3 | Fife, Dana Richard | P | P | A |
| *75-102 | Hankins, James R., Jr. | P | P | B,C,D |
| 77-15 | Higgins, Joseph H. | P | P | A,B,C,D |
| 77-12 | Hopkins, William D. | P | P | A,B,C,D |
| *77-8 | Jenkins, Dale E. | P | P | A,B,C,D |
| 77-1 | King, Myson Brian | P | F | A |
| 75-109 | Lindquist, Bruce L. | F | F | |
| 77-11 | Mansur, Charles T. | P | F | A |
| 77-4 | Nord, William C., IV | P | F | A |
| 77-17 | Oliver, David L. | P | P | A,B,C,D |
| 77-5 | Saba, Gary M. | P | P | A,B,C,D |

| ARCHITECTS-IN-TRAINING | | Arch.Theory | Const.Theory & Practice | Passed |
|------------------------|----------------------|-------------|----------------------------|--------|
| No. | Name | A | B,C,D | |
| 77-6 | Tilton, Webster, III | P | F | A |
| 76-5 | Unti, Harvey G. | P | F | |
| *76-4 | Territo, Vincent M. | P | P | A |
| 77-20 | Weiss, Peter M. | P | F | A |
| 77-18 | Wong, Rodin Y. | F | F | |

Wm. S. Carley
 P. M. Carley
 Wm. S. Carley

There being a quorum present at all times the committee reviewed the following applicant and voted on the Board's recommendation shown regarding his professional registration is below:

The following applicant having appeared before the committee, while completing the personal excellence interview, made demonstration of additional evidence of his proficiency, A.W.S. 22-223-B, and is recommended to the Board that this individual be held for the written examination indicated:

Carlson, Wm. Lee, June, 1978, examination:

Carlson, Jeffrey Dale 77-462 Parts A, B, C, D

The Landscape Architectural Examination Committee reviewed the June, 1977, which implemented examination of Mary Rose Duffield and accepted it as passing. The committee recommends that Mary Rose Duffield be granted registration at the December Board meeting, and the September 5, 1977, Minutes of the Board, Page 3890, be amended accordingly.

The committee recommends to the Board that Recommendations 2 and 11 of this report be accepted and implemented.

Respectfully submitted,

Wm. S. Carley
 Wm. S. Carley, Chairman

DATE: November 23, 1977

TO: State Board of Technical Registration
FROM: Landscape Architectural Evaluation Committee
SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on November 10, 1977, in Phoenix, Arizona, with the following members present:

- Wayne O. Earley
- F. Mark Edson
- Kemper Goodwin

There being a quorum present at all times the committee reviewed the following applicant and makes to the Board the recommendation shown regarding his professional registration in Arizona:

- I. The following applicant having appeared before the committee, while completing the personal audience interview, needs demonstration of additional evidence of his proficiency, A.R.S. 32-123.B, and it is recommended to the Board that this individual be held for the written examinations indicated:

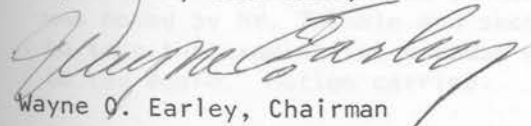
Applicant held for the June, 1978, examinations:

Coffeen, Jeffrey Hale 77-452 Parts A,B,C,D

- II. The Landscape Architectural Examination Committee reviewed the June, 1977, Design Implementation examination of Mary Rose Duffield and accepted it as passing. The committee recommends that Mary Rose Duffield be granted registration at the December Board meeting, and the September 9, 1977, Minutes of the Board, Page 3890, be amended accordingly.

The committee recommends to the Board that Recommendations I and II of this report be accepted and implemented.

Respectfully submitted,


Wayne O. Earley, Chairman

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES - Cont'd.

It was moved by Mr. Gomez and seconded by Dr. O'Bannon that in view of Mr. Williams' experience he be held for only Parts 3 and 4 of the examination. Motion carried.

Mr. Louis D. Rainery, Civil Engineer applicant, requested registration without examination, and appeared before the Board. He explained he was registered in Alaska by education and experience as they did not require a written examination at that time. He has worked as a consultant for over 20 years on million dollar projects, but has moved to Arizona and is familiar with the climate. It was moved by Mr. Caruso and seconded by Dr. O'Bannon that he be held for Parts 3 and 4 of the written examination as recommended by the committee. Motion carried.

Mr. Howard L. Woolsoncroft, Mechanical Engineer applicant, appeared before the Board, and Mr. Trimble excused himself from participation in this hearing as Mr. Woolsoncroft is his employee. The Engineering Evaluation Committee recommended he be held for Parts 1, 2, 3 and 4 of the written examination and Mr. Woolsoncroft appealed this decision as he was misled that he would be required to take the EIT exam. When he applied several years ago he was held for only for Parts 3 and 4 and Parts 1 and 2 were waived on the basis of his degree. He felt in the interest of fairness and the EIT is fairly easy when you take it seven years ago right after graduation, the EIT should be again waived. He understood that if he did not take the EIT in Arizona and should move to another state, they might require his taking the EIT for registration there, and he was intending to stay in Arizona but if he did move to another state, he realized it was his responsibility to take the test. It was moved by Dr. O'Bannon and seconded by Mr. Caruso that the recommendation of the Engineering Evaluation Committee be accepted, holding him for all four parts. Motion carried.

The Engineering Evaluation Committee requested full Board review of Mr. George M. Feltovic's civil engineering application, #77-447, because in evaluating his experience he was lacking experience of a quality acceptable to the Board. Mr. Caruso explained that this was his second application and the previous Board had denied it for lack of experience, indicating he needed 1-2/3 year of experience before reapplying. Mr. Feltovic is presently working for a developer and his past experience included electrical and mechanical work even though he is applying for civil registration. After considerable discussion as to how much time he needs before reapplying, it was moved by Mr. Trimble and seconded by Mr. Gomez the applicant is not qualified to take the examination because of lack of experience of a character satisfactory to the Board. Motion carried.

A letter from Dr. Charles M. Anderson, geological applicant #77-410, requesting the Board's consideration of granting him geological registration without examination, was presented. It was moved by Mr. Trimble and seconded by Mr. Porcarello that his appeal be denied and he be held for Parts 3 and 4 of the written examination. Motion carried.

Williams, William S., Jr.
Lafayette Camp
Martin, Richard A.
Hornston, Floyd S.

77-25
77-203
77-11
77-28

Continued on Page 339

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES -Cont'd.

Letter from Louis C. Lagomarsino, regarding the new policy of holding applicants from other states for Part 4 of the land surveying examination, as shown on Minute Page 3935 and 3936, was presented. The Chairman stated also the policy had been questioned because Civil Engineers from other states are not required to take Part 4 of the land surveying exam but do surveying in this state. It was moved by Mr. Trimble and seconded by Mr. Caruso that the Engineering Evaluation and Examination Committee review this requirement in the light of these requests and report back to the Board. Motion carried.

Mr. Gomez presented the Engineering Evaluation Committee meeting report of November 16, 17, and 18, 1977, as shown on Minute Pages 3937, 3938 and 3939. It was moved by Mr. Gomez and seconded by Mr. Caruso that the report of the Engineering Evaluation Committee, as amended, be accepted and implemented by the Board. Motion carried.

It was moved by Mr. Gomez and seconded by Mr. Goodwin that the following applicants are to be denied for failure to comply with the Examination Rules, R4-30-13,E. Motion carried.

| | | |
|------------------------------|--------|------------------------|
| Ahmed, Najmuddin | 75-403 | Electrical Engineer |
| Bafaro, Victor V. | 77-126 | Engineer-in-Training |
| Baker, Mark R. | 77-140 | Engineer-in-Training |
| Barriga, Robert, Jr. | 77-35 | Engineer-in-Training |
| Bawden, Thomas D. | 77-21 | Engineer-in-Training |
| Belzner, Bartholomew P. | 77-86 | Engineer-in-Training |
| Bishop, Robert Grandon | 75-88 | Engineer-in-Training |
| Bossard, Gerald Wayne | 77-263 | Metallurgical Engineer |
| Cabrera-Garcia, Ramon Daniel | 77-114 | Engineer-in-Training |
| Cejka, John Robert | 76-321 | Electrical Engineer |
| Clelland, Ian Stuart | 77-158 | Mining Engineer |
| Craven, William T., Jr. | 77-124 | Engineer-in-Training |
| Currie, Jack Burton | 73-749 | Mechanical Engineer |
| Davis, Robert Henry | 77-6 | Mechanical Engineer |
| Durschmidt, Don F. | 77-66 | Engineer-in-Training |
| Evanston, Robert E. | 77-27 | Engineer-in-Training |
| Garrison, Raymond Leo, Jr. | 77-97 | Engineer-in-Training |
| Guthrie, Theodore Truman | 74-328 | Electrical Engineer |
| Hahman, William Richard, Sr. | 77-89 | Geologist |
| Hall, DAvid Bruce | 74-466 | Land Surveyor |
| Herfkens, Francis R. | 75-569 | Civil Engineer |
| Hill, Joe Doyce | 77-81 | Mechanical Engineer |
| Hoover, Richard Lee | 75-474 | Civil Engineer |
| Klooz, Paul Charles | 76-250 | Mechanical Engineer |
| Landry, John Joseph | 73-760 | Geologist |
| Langemeier, William Sherman | 77-50 | Engineer-in-Training |
| Lee, Maurice Leon | 76-5 | Land Surveyor |
| Lisac, James M. | 77-123 | Engineer-in-Training |
| McCollum, Ross Richard | 77-116 | Engineer-in-Training |
| McGlamery, William R., Jr. | 77-29 | Engineer-in-Training |
| McKay, Lafayette Camp | 76-503 | Electrical Engineer |
| Mastin, Richard A. | 73-11 | Engineer-in-Training |
| Howerton, Floyd R. | 77-28 | Engineer-in-Training |

Continued on Page 3940

03935



JOHANNESSEN & GIRAND CONSULTING ENGINEERS INC.

November 28, 1977

6611 NORTH BLACK CANYON HIGHWAY PHOENIX, ARIZONA 85015

TELEPHONE (602) 242-3420

State Board of Technical Registration
1645 W. Jefferson
Phoenix, AZ 85007

Gentlemen:

It has been brought to my attention that the Arizona State Board of Technical Registration has established a rule under which an applicant for registration as Land Surveyor must take Part Four of the examination, regardless of whether or not he has previously passed a written examination in another state.

I wish to express my concern and opposition to such a policy for the following reasons:

1. Most states have strict requirements for Land Surveyor registration. Indeed, in most urban states (New York, New Jersey, and California, for example) they exceed the requirements of Arizona. If an individual has demonstrated his competence through prior examination and certification in a state with equal or higher standards, then he should be granted Arizona registration.
2. Requiring an applicant to take Part Four places an unreasonable time constraint upon him. With the necessity of filing for the examination, the infrequency of the examination itself, and the period of time for grading and informing the applicant that he has passed, a period of nine to twelve months can elapse. This has the effect of depriving the applicant of an opportunity to earn a livelihood for up to one year.

Other states alleviate this delay by issuing a temporary license to practice. I am informed that your board has discontinued this in Arizona.

JOHN GIRAND LOUIS C. LAGOMARSINO ROBERT L. NORTON E. D. VOELKER
ROBERT W. JOHNSON O. CLAY BOLING WAYNE P. REILEY ROBERT N. BUCHANAN JON GIRAND
RAYMOND J. McNULTY ROBERT A. BALL HAROLD L. BALDWIN TIMOTHY M. O'NEILL

3. The code of the State Board (32-101) states that the purpose of the State Board is to "provide for the safety, health and welfare of the public." Because an applicant may have to wait this nine to twelve months for registration, a lesser qualified individual may be assigned to a position that would have been given to the applicant. In this case the public good would not be served.
4. Section 32-126 of the Code states that "the Board may register without examination an applicant who holds a valid and subsisting certificate of registration issued by another state which has requirements for registration satisfactory to the board."

Section 32-123.B. states "If in the judgment of the board the applicant has not furnished satisfactory evidence of qualification for registration, it may require additional data, or may require the applicant to submit to an oral or written examination."

I believe that registration by examination in a state with strict requirements such as California is "satisfactory evidence of qualification" and the Board should register such an individual without examination.

Sincerely,

Louis C. Lacomarsino
 Louis C. Lacomarsino, P.E., L.S.
 President

LCL/evg

| | |
|-----------------------------------|--|
| <u>CIVIL ENGINEERING - Part 2</u> | |
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DATE: November 23, 1977

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on November 16, 17 and 18, 1977, in Phoenix, Arizona, with the following members present:

| | |
|---------------|-----------------|
| Sam Caruso | C. E. O'Bannon |
| Rod J. Gomez | John B. Trimble |
| R. A. Jimenez | |

There being a quorum present at all times the committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona.

1. The following applicants having appeared before the committee and satisfied the committee they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

CHEMICAL ENGINEERING

| | |
|-----------------------|--------|
| Schmitt, Ralph Joseph | 77-442 |
| Selbe, Rexford Leland | 77-385 |

CIVIL ENGINEERING

| | |
|------------------------------|--------|
| Andreason, Kenneth R. | 77-360 |
| Beers, James Robert, III | 77-416 |
| Breivik, A. Norris | 77-441 |
| Burks, Robert Allen | 77-397 |
| Creager, William Bronson | 77-443 |
| Driscoll, Dennis Christopher | 77-391 |
| Eaton, Frank Raymond, Jr. | 77-240 |
| Falk, William Randall | 77-415 |
| Fisk, Edward Ray | 77-434 |
| Fowlkes, Ricky T. | 77-481 |
| Gage, Guy Glen | 77-361 |
| Geiger, David Howard | 77-421 |
| Hintz, Luther Paul | 77-545 |
| Lipps, Donald Alfred | 77-375 |
| McVicker, Lloyd Alexander | 77-482 |
| Martin, Leon Berdan | 77-321 |
| Mitchell, Robert Lewis | 77-101 |
| Montague, David James | 77-404 |
| Ogawa, Ronald Isamu | 77-461 |
| Powell, David O. | 77-522 |
| Ridenour, Benny Dale | 77-322 |
| Sagramoso, Daniel Edgar | 77-462 |
| Shah, Anand Chimanlal | 77-480 |
| Shaughnessy, William E., Jr. | 77-547 |
| Shimasaki, William Michinori | 77-306 |
| Singhal, Avinash Chandra | 77-548 |
| Stayetler, Robert B. | 77-91 |

CIVIL ENGINEERING - Cont'd.

| | |
|------------------------------|--------|
| Tiseo, Benedict | 77-198 |
| Trivison, Robert Joseph, Jr. | 77-411 |
| Vaughn, Clarence Foster | 77-490 |
| Wasbotten, Thomas Paul | 77-403 |
| Weingart, Daniel | 77-409 |

ELECTRICAL ENGINEERING

| | |
|---------------------------|--------|
| Cox, Garland Don | 77-414 |
| Ellingson, Richard Lee | 77-503 |
| Kollitides, Ernest A. | 77-383 |
| Kropewnicki, Stanley John | 77-552 |
| Welch, Conrad Lee | 77-126 |
| White, Logan Truman, Jr. | 77-551 |
| Yuen, Moon H. | 77-445 |

MECHANICAL ENGINEERING

| | |
|-------------------------|--------|
| Abraham, Eugene V. | 77-412 |
| Cooley, Donald Lee | 77-364 |
| Cranston, Ivan Ray, Jr. | 77-499 |
| Foster, Kenneth | 77-438 |
| Johnson, Grant Elmore | 77-424 |
| McNeil, Harold Joseph | 77-489 |
| Marano, Carl Anthony | 77-423 |
| Meckler, Milton | 77-396 |
| Niles, Stephen Edward | 77-393 |
| Patulski, Scott Andrew | 77-387 |
| Stern, Richard Arnold | 77-439 |
| Weber, Howard I. | 77-422 |

Continued.....

I. Continued.....

MINING ENGINEERING

Grosvenor, Niles E. 77-381
 McCutchan, Verne Claude 77-460
 Piper, R. Davidson 77-145

STRUCTURAL ENGINEERING

Geller, Alvin 77-500
 Kraft, Ronald K. 77-510

SANITARY ENGINEERING

Higgins, Thomas E. 77-479
 McLaughlin, Ronald Coe 77-448

- II. The following applicants having appeared before the committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, A.R.S. 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the April, 1978, examinations:CIVIL ENGINEERING

Corum, Donald Kelly 77-317 Parts 3 and 4
 Crawford, David Scott 77-370 Parts 3 and 4
 Davis, Otto 77-417 Parts 1, 2, 3 and 4
 Hansen, Larry Bruce 77-408 Parts 3 and 4
 Harabor, Mihai 77-433 Parts 1, 2, 3 and 4
 Lefler, Lyle Gene 77-546 Parts 3 and 4
 McPherson, Dale Jon 77-392 Parts 1, 2, 3 and 4
 Maack, Ralph Walter 77-491 Parts 3 and 4
 Nelson, ElRoy 77-379 Parts 3 and 4
 Rainery, Louis Donald 77-399 Parts 3 and 4
 Smith, Harold Ronald 77-111 Parts 3 and 4
 Svensson, Roy William 77-449 Parts 3 and 4
 Taylor, James Howard 77-371 Parts 3 and 4

ELECTRICAL ENGINEERING

Austin, Barry E. 77-555 Parts 1, 2, 3 and 4
 Greene, Jack 77-407 Parts 3 and 4
 Skala, James Albert 77-386 Parts 3 and 4
 Thomas, Marcus Maurice 77-388 Parts 1, 2, 3 and 4
 Weber, Howard I. 77-436 Parts 3 and 4

HIGHWAY ENGINEERING

Lipps, Donald Alfred 77-376 Parts 3 and 4

MECHANICAL ENGINEERING

Drost, Barry Dean 77-402 Parts 1, 2, 3 and 4
 Meraz, Julio Cesar 77-401 Parts 1, 2, 3 and 4
 Pendell, George W. 77-477 Parts 3 and 4
 Price, Mike Steven 77-532 Parts 3 and 4
 Schwalm, Robert James 77-523 Parts 1, 2, 3 and 4
 Williams, Meredith Lawrence 77-509 Parts 3 and 4
 Wilson, Gregory Calvin 77-382 Parts 3 and 4
 Woolsoncroft, Howard Lee 77-425 Parts 1, 2, 3 and 4

MINING ENGINEERING

Johnson, Thomas Curtis 77-432 Parts 3 and 4

II. Continued.....

GEOLOGY

| | | |
|----------------------|--------|---------------------|
| Anderson, Charles M. | 77-410 | Parts 3 and 4 |
| Armstrong, Edward J. | 77-1 | Parts 1, 2, 3 and 4 |

LAND SURVEYING

| | | |
|-----------------------------|--------|---------------------|
| Braden, Larry David | 77-467 | Parts 1, 2, 3 and 4 |
| Brown, Kenneth James | 77-501 | Part 4 |
| Buchanan, Jack Alfred | 77-418 | Parts 1, 2, 3 and 4 |
| Herschbach, Clarence Albert | 77-354 | Part 4 |
| Kenneron, Jack L. | 77-288 | Part 4 |
| Krohn, Karl Newbury | 77-398 | Part 4 |
| Roach, James Christopher | 77-390 | Part 4 |
| Young, William Lawson | 77-419 | Part 4 |

III. The following applicants appeared before the committee and the evaluation of their applications determined that they should be denied for lack of experience of a character satisfactory to the Board under A.R.S. 32-123.A, with the refund as shown:

| | | | |
|----------------------|--------|---------------------|---------|
| Feltovic, George M. | 77-447 | Civil Engineer | \$10.00 |
| Casper, Ronald James | 77-384 | Highway Engineer | \$10.00 |
| Mattison, Jeffrey R. | 77-531 | Mechanical Engineer | \$10.00 |
| Wilcox, Gary Paul | 77-431 | Mechanical Engineer | \$10.00 |

IV. The following applicants having been advised twice they were scheduled to appear before the committee and for their failure to do so, the committee recommends they be denied for failure to complete the requirements of the Board within a reasonable length of time:

| | | |
|------------------------|--------|---------------------|
| Aro, David Edwin | 77-283 | Mining Engineer |
| Bledsoe, Larry Dean | 77-286 | Civil Engineer |
| Clark, William Allen | 77-353 | Civil Engineer |
| Piccirillo, Louis J. | 77-232 | Mechanical Engineer |
| Walters, George Thomas | 77-77 | Land Surveyor |

The committee recommends to the Board that Recommendations I through IV of this report be accepted and implemented.

Respectfully submitted,

Rod J. Gomez
Rod J. Gomez, Chairman

CIVIL ENGINEERING

| | | |
|------------------------|--------|--|
| Smith, Ralph Joseph | 77-453 | |
| Walters, Richard LaRue | 77-454 | |

| | | |
|--------------------------|--------|----------------------|
| Mazanek, Timothy L. | 77-110 | Engineer-in-Training |
| Nowlin, Robert Winston | 77-188 | Electrical Engineer |
| Pickens, Grady Wright | 76-433 | Land Surveyor |
| Porter, David Carter | 77-58 | Engineer-in-Training |
| Schenk, Charles W. | 77-16 | Engineer-in-Training |
| Silicki, Joseph David | 76-134 | Engineer-in-Training |
| Tehrani, Kamran Solaiman | 76-152 | Engineer-in-Training |
| Winkler, Lynn Ames, Jr. | 77-31 | Land Surveyor |
| Wurfel, Hans-Georg F. | 77-108 | Engineer-in-Training |
| Wyant, Lloyd Ronald | 76-565 | Civil Engineer |
| Zerlaut, Gene A. | 76-302 | Chemical Engineer |

It was moved by Mr. Gomez and seconded by Dr. O'Bannon that the following applicants are to be denied with neither prejudice nor refund at their request. Motion carried.

| | | |
|---------------------------|--------|-----------------------|
| Dugan, John Charles | 76-335 | Electrical Engineer |
| Forney, Ross Henry | 76-255 | Mechanical Engineer |
| Hochhauser, Murray | 77-454 | Mechanical Engineer |
| Johns, Henry LeRoy, Jr. | 77-239 | Architect |
| Jolley, Virdes A. | 77-6 | Engineer-in-Training |
| Kozich, Allan Alfred | 77-149 | Structural Engineer |
| Schmitt, David Leo | 75-110 | Architect-in-Training |
| Showalter, Ernest Dean | 76-234 | Electrical Engineer |
| Shumard, George Eric, Jr. | 76-277 | Electrical Engineer |
| Umberger, Martin Scot | 77-505 | Architect |
| Unti, Harvey George | 76-5 | Architect-in-Training |

It was moved by Mr. Gomez and seconded by Mr. Trimble that the following applicants for professional registration having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

| | |
|------------------------------|-------|
| Bailey, Robert Griffith, Jr. | 11465 |
| Cooper, Clifford A. | 11466 |
| DeRevere, Dell Haas | 11467 |
| Duff, Edwin Ramond | 11468 |
| Fisher, A. Robert | 11469 |
| Gilmour, James Lowell | 11470 |
| Hunter, Wallace Lee | 11471 |
| Janssen, Herman Phillip | 11472 |
| Jones, Merrill Aubrey | 11473 |
| Kerr, Roger Eliot | 11474 |
| Kessler, Stuart Alan | 11475 |
| Linderoth, Terry Raymond | 11476 |
| Meek, Harold L. | 11477 |
| Schlientz, Randall Harry | 11478 |
| Searer, Larry Elliott | 11479 |
| Seitz, George Whittier | 11480 |
| Walters, Stanley Irving | 11481 |
| Williams, Harold Patrick | 11482 |

CHEMICAL ENGINEERING

| | |
|-----------------------|-------|
| Schmitt, Ralph Joseph | 11483 |
| Selbe, Rexford Leland | 11484 |

CIVIL ENGINEERING

| | |
|------------------------------|-------|
| Andreason, Kenneth R. | 11485 |
| Beers, James Robert, III | 11486 |
| Breivik, A. Norris | 11487 |
| Burks, Robert Allen | 11488 |
| Creager, William Bronson | 11489 |
| Driscoll, Dennis Christopher | 11490 |
| Eaton, Frank Raymond, Jr. | 11491 |
| Falk, William Randall | 11492 |
| Fisk, Edward Ray | 11493 |
| Fowlkes, Ricky T. | 11494 |
| Gage, Guy Glen | 11495 |
| Geiger, David Howard | 11496 |
| Hintz, Luther Paul | 11497 |
| Lipps, Donald Alfred | 11498 |
| McVicker, Lloyd Alexander | 11499 |
| Martin, Leon Berdan | 11500 |
| Mitchell, Robert Lewis | 11501 |
| Montague, David James | 11502 |
| Ogawa, Ronald Isamu | 11503 |
| Powell, David O. | 11504 |
| Ridenour, Benny Dale | 11505 |
| Sagramoso, Daniel Edgar | 11506 |
| Shah, Anand Chimanlal | 11507 |

Continued.....

CIVIL ENGINEERING - Cont'd.

| | |
|----------------------------------|-------|
| Shaughnessy, William Edward, Jr. | 11508 |
| Shimasaki, William Michinori | 11509 |
| Singhal, Avinash Chandra | 11510 |
| Steytler, Robert B. | 11511 |
| Tiseo, Benedict | 11512 |
| Trivison, Robert Joseph, Jr. | 11513 |
| Vaughn, Clarence Foster | 11514 |
| Wasbotten, Thomas Paul | 11515 |
| Weingart, Daniel | 11516 |

ELECTRICAL ENGINEERING

| | |
|---------------------------|-------|
| Cox, Garland Don | 11517 |
| Ellingson, Richard Lee | 11518 |
| Kollitides, Ernest A. | 11519 |
| Kropewnicki, Stanley John | 11520 |
| Welch, Conrad Lee | 11521 |
| White, Logan Truman, Jr. | 11522 |
| Yuen, Moon H. | 11523 |

MECHANICAL ENGINEERING

| | |
|-------------------------|-------|
| Abraham, Eugene V. | 11524 |
| Coolley, Donald Lee | 11525 |
| Cranston, Ivan Ray, Jr. | 11526 |
| Foster, Kenneth | 11527 |

MECHANICAL ENGINEERING - Cont'd.

| | |
|------------------------|-------|
| Johnson, Grant Elmore | 11528 |
| McNeil, Harold Joseph | 11529 |
| Marano, Carl Anthony | 11530 |
| Meckler, Milton | 11531 |
| Niles, Stephen Edward | 11532 |
| Patulski, Scott Andrew | 11533 |
| Stern, Richard Arnold | 11534 |
| Weber, Howard I. | 11535 |

MINING ENGINEERING

| | |
|-------------------------|-------|
| Grosvenor, Niles E. | 11536 |
| McCutchan, Verne Claude | 11537 |
| Piper, R. Davidson | 11538 |

SANITARY ENGINEERING

| | |
|------------------------|-------|
| Higgins, Thomas E. | 11539 |
| McLaughlin, Ronald Coe | 11540 |

STRUCTURAL ENGINEERING

| | |
|------------------|-------|
| Geller, Alvin | 11541 |
| Kraft, Ronald K. | 11542 |

LANDSCAPE ARCHITECTURE

| | |
|---------------------|-------|
| Duffield, Mary Rose | 11543 |
|---------------------|-------|

It was moved by Mr. Gomez and seconded by Mr. Trimble that the following applicants for in-training registration having satisfactorily completed the written examination be granted in-training registration and assigned the in-training registration numbers as indicated. Motion carried.

ARCHITECT-IN-TRAINING

| | |
|----------------------------|-----|
| Abell, James Logan | 266 |
| Briggs, Ronald Lee | 267 |
| Fife, Dana Richard | 268 |
| Hankins, James Robert, Jr. | 269 |
| Jenkins, Dale E. | 270 |
| Territo, Vincent M. | 271 |

ENGINEER-IN-TRAINING

| | |
|---------------------------|------|
| Arnold, James Mark | 1857 |
| Barrett, Fredrick William | 1849 |
| Cheema, Manjit Singh | 1858 |
| Ciborowski, Thomas James | 1850 |
| Douglass, David A. | 1859 |
| Elberts, Rick Charles | 1851 |
| Keane, William F. | 1852 |
| Lundgren, Samuel G. | 1853 |
| Martin, Noah William | 1860 |
| Payne, James Stephen | 1854 |
| Rhoades, Richard Stephen | 1855 |
| Shannon, David T. | 1856 |

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Edson reported there seems to be a move on continuing education by AIA and also NCARB recommends professional development and recertification. It is something we should continue to monitor. I have not felt any pressure of any activity on the Board level but it is incumbent upon all of us to keep abreast of this. Mr. Goodwin stated that it is not as strong in Arizona because they have mini-seminars at their monthly meeting and as long as attendance is good, it will alleviate the pressure to make it a requirement.

REPORT OF THE PUBLIC INFORMATION COMMITTEE - Cont'd.

Mr. Earley reported he attended the annual meeting of the Council of Landscape Architect Boards in Minnesota and expressed his thanks for being allowed to make this meeting, and becoming involved as to their requirements of their testing and how they make them legally defensible. He will make a formal report at a later date when he has received the minutes of their meeting.

REPORT OF THE BUDGET COMMITTEE

No report.

REPORT OF THE EXECUTIVE DIRECTOR

The Chairman has requested an explanation of the changes in the Technical Registration Fund.

A.R.S. 32-109 has been amended by the Legislature in 1977 and now reads as follows, with A.R.S. 35-143.01 also shown as part of the 1977 legislation:

§ 32-109 Technical registration fund

- A. The secretary shall transmit to the state treasurer all fees or other revenues received by the board. The treasurer shall place ten per cent of all fees and revenues in the general fund to assist in defraying the cost of maintaining the state government and shall place the remainder in a separate fund known as the technical registration fund, to be used only in defraying expenses of the board and in prosecuting violations of this chapter.
- B. Monies deposited in the technical registration fund shall be subject to the provisions of § 35-143.01.

§ 35-143.01. Special funds; appropriation

- A. All monies deposited by the state treasurer in special agency funds of self-supporting regulatory agencies, as provided in § 35-142, to be used by such agency for administration and enforcement, shall be subject to annual legislative appropriation.
- B. No special fund self-supporting regulatory agency may expend more funds than are appropriated by the legislature for a fiscal year.
- C. Any unexpended or unencumbered balance of funds remaining in the special funds of self-supporting regulatory agencies as provided in § 35-142 at the end of the fiscal year shall not revert to the general fund.

(Paragraph C was included as an amendment as a result of our letter to Rep. Cooper, who sponsored the bill)

The annual legislative appropriation is made after the agency submits its budget request, of which you received a copy with the agenda for the September meeting, and after the Governor's budget division and the joint legislative budget

committee have reviewed the request and made their recommendations to the Legislature.

Our object, therefore, is to maintain sufficient funds to defray our expenses, and to secure an adequate appropriation from the Legislature so we may expend those funds as required.

On the other hand, our fund is built up by receiving application fees, examination fees and renewal fees. The most flexible figure is renewal fees, and by adjusting the annual fee, the Board has attempted to maintain a reasonable balance in the fund without undue cost to the registrants. The balance must always be sufficient to defray expenses from July 1 to November 15, when the renewals are beginning to come in.

Past boards, by reducing fees from \$20 to \$15, and from \$15 to \$10, have considered that relief could be extended to the registrants without jeopardizing our ability to meet expenses.

The following statement shows financial activity since fiscal year 1970-1971 and is projected to show estimates through 1979-1980.

It is suggested these figures be reviewed early in 1979 to determine if a rule change is necessary to implement an increase for 1980, and stated on the renewal notices in October, 1979.

TECHNICAL REGISTRATION FUND

| FISCAL YEAR | 90% of INCOME | EXPENSES | PROFIT OR (LOSS) | FUND BALANCE JUNE 30 | RENEWAL FEE |
|-------------|----------------------|----------------------|-----------------------|----------------------|-------------|
| 1970-1971 | 116,660 | 79,152 | 37,508 | 54,976 | \$20 |
| 1971-1972 | 127,538 | 83,235 | 44,303 | 99,280 | \$20 |
| 1972-1973 | 116,991 | 95,962 | 21,029 | 120,210 | \$15 |
| 1973-1974 | 124,438 | 106,700 | 17,738 | 137,948 | \$15 |
| 1974-1975 | 129,600 | 116,849 | 12,751 | 150,693 | \$15 |
| 1975-1976 | 103,209 | 117,590 | (14,381) | 136,312 | \$10 |
| 1976-1977 | 107,363 | 123,500 | (16,137) | 120,175 | \$10 |
| 1977-1978 | Estimated 110,000 | Estimated 130,175 | Estimated (20,175) | 100,000 | \$10 |
| 1978-1979 | 112,000 | 137,000 | (25,000) | 75,000 | \$10 |
| 1979-1980 | 115,000 | 145,000 | (30,000) | 45,000 | ? |

The Executive Director also presented the Cash Flow Report shown on the following page.

CASH FLOW REPORT - DECEMBER 1, 1977

Balance on Deposit as of July 1, 1977 - \$119,917.02

Balance on Deposit as of Report Date - \$173,590.99

Total Allocated Receipts to Technical Fund as of Report Date - \$53,673.97

Technical Fund Balance as of Report Date - \$135,475.86

LUMP SUM APPROPRIATED \$160,800.00

| <u>Expenditures</u> | <u>Amount to Date</u> |
|---------------------|-----------------------|
|---------------------|-----------------------|

| | |
|-------------------|-------------|
| Personal Services | \$21,808.27 |
|-------------------|-------------|

| | |
|------------------------|----------|
| Employee Related Costs | 3,283.37 |
|------------------------|----------|

| | |
|-------------------|----------|
| Travel - In State | 1,266.40 |
|-------------------|----------|

| | |
|-----------------------|----------|
| Travel - Out of State | 2,556.50 |
|-----------------------|----------|

| | |
|-----------------|--------|
| Data Processing | 275.91 |
|-----------------|--------|

| | |
|-----------------------|--------|
| Professional Services | 225.00 |
|-----------------------|--------|

| | |
|---|----------|
| Office Supplies, Maint., Express & Adv. | 3,083.43 |
|---|----------|

| | |
|-----------|--------|
| Microfilm | 187.49 |
|-----------|--------|

| | |
|-----------|--------|
| Insurance | 300.00 |
|-----------|--------|

| | |
|---------|----------|
| Postage | 2,921.50 |
|---------|----------|

| | |
|-----------|--------|
| Telephone | 767.46 |
|-----------|--------|

| | |
|-------|--------|
| Xerox | 204.75 |
|-------|--------|

| | |
|----------------|-------|
| Revolving Fund | 50.00 |
|----------------|-------|

| | |
|---------|---------------|
| Refunds | <u>220.50</u> |
|---------|---------------|

| | |
|---------------------|-------------|
| TOTAL SPENT TO DATE | \$37,150.58 |
|---------------------|-------------|

| | |
|--------------------------------|--------------|
| Balance of Appropriated Monies | \$123,649.42 |
|--------------------------------|--------------|

REPORT OF THE EXECUTIVE DIRECTOR - Cont'd.

After the Report of the Executive Director, Mr. Goodwin stated he could possibly see that may have more requests for policing our profession and personally would not like to see these funds drop this close as \$45,000. The Executive Director stated that the Board may want to consider increasing the annual renewal fee before 1980.

READING OF COMMUNICATIONS

Letter from Donald Stuart Pearson, electrical engineering applicant who was denied at the September 9, 1977, Board meeting for failure to appear for his personal audience, was presented. The Executive Director explained that Mr. Pearson had been seriously ill and this was the reason for his inability to appear. It was moved by Dr. O'Bannon and seconded by Mr. Earley in view of the circumstances Mr. Pearson's application be reinstated. Motion carried.

Letter from R. M. Robb, mining engineering applicant, requesting he be granted registration on the basis of having passed Parts 1, 3 and 4 of the written examination by accepting the 67% he received on the April, 1977, examination in Part 2, was presented. It was moved by Mr. Trimble and seconded by Dr. O'Bannon that the passing grade is 70% so that 67% is a failure and his request be denied. Motion carried.

Letter from Jose A. Trujillo, requesting the Board to review the previous complaint against Eugene Ireland, Electrical Engineer, No. 6682, was presented. The Executive Director explained that when Mr. Trujillo first registered this complaint with the Board, the representative from the Attorney General stated that it was a problem for the Highway Personnel Department. The Board noted that the highway department requires in their job descriptions that the District Engineer need only be an engineer and not definitely a Civil Engineer as this position is one of administration and judgment. It was moved by Mr. Edson and seconded by Mr. Caruso the Board reaffirm the previous action taken by the Board at their June 11, 1976, meeting. Motion carried.

Letter from Louis C. Sullivan regarding a telephone communication study for the Mesa Public Schools, as shown on Minute Page 3946 and 3947, was presented. It was moved by Mr. Edson and seconded by Mr. Porcarello recommending that it be referred to the Rules and By-Laws Committee and reported back to the Board. Motion carried.

Letter from William A. Sawyer, Executive Director of the Arizona Consulting Engineers Association, regarding interpretation of A.R.S. 32-141, was presented as shown on Minute Page 3948. Mr. Sawyer was present and stated that since writing this letter, there has been considerable discussion among his officers regarding this letter and there are more ramifications than just the question he had posed. He stated that a majority of their firms are practicing as corporations and they are aware of the concern of corporate practice in order to have some responsibility or financial responsibility if you have one responsible corporate officer licensed in one discipline can bind the corporation for all services provided in that corporation. In reading the law, it refers to a registrant, it does not say it is a registrant in each specific discipline. The Consulting Engineers Association would like to investigate the ramifications and have more formal input to the Board before the Board makes a definite decision. Mr. Goodwin explained, in general, that if an architectural firm

03946



SULLIVAN & MASSON CONSULTING ENGINEERS

725 WEST McDOWELL ROAD — PHOENIX, ARIZONA 85007 — 602-257-8525

November 18, 1977

LOUIS C. SULLIVAN
MILTON M. MASSON
ROBERT D. CURLEY
DALE D. HARMAN
ROBERT W. JOHNSON

Edward Drewery, Secretary
Board of Registration
1645 W. Jefferson
Phoenix, Arizona

Dear Mr. Drewery:

I am writing this letter to register my disagreement on your opinion to the Mesa Public Schools that a communication study is not engineering, and does not require a registered engineer to provide this specialized study. The first point I want to make is "engineering practice" as described in the "Code" is as follows, and I quote it here for easy reference:

"Engineering practice" means any professional service or creative work requiring engineering education, training and experience, and the application of special knowledge of the mathematical, physical and engineering sciences to such professional services or creative work as; consultation, research, investigation, evaluation, planning, surveying, design, location, development, and review of construction for conformance with contract documents and design, in connection with any, public or private utility, structure, building, machine, equipment, process, work or project. A person shall be deemed to be practicing, or offering to practice, engineering if he practices any branch of the profession of engineering, or verbal claim, sign, advertisement, letterhead, card, or any other manner, represents himself to be a professional engineer, or holds himself out as able to perform, or does perform any engineering service or other service as recognized by educational authorities as engineering.

The above underlined areas are specifically what a "communications consultant" does and it is a branch of electrical engineering. I have spoken with Mr. Thomas Tice, Professor Chairman of the Electrical Engineering Department at ASU, and he readily admits the electronic communications is taught in the electrical engineering department. The "Scope of Work" issued by the Mesa Public School specifically asks for all the items mentioned in the "Code" definition of

Page 2

"engineering practice."

The "Scope of Work" as issued by Mesa Public Schools reads:

1. A. Analyze present system as per attached specification. Please attach step-by-step procedures you will follow to make your analysis.
- B. Up-dating of present system as per attached specifications.

Phase 2 Private-Owned Telephone System

Design, write bid specifications, analyze bids and supervise execution of system installation as per attached specification.

The second point, and perhaps the most important, is reference to A.R.S. 32-144 entitled "Exemptions and Limitations." Under "B" is described the exemption of registration by "work done by communications common carrier or its affiliates or any of them provided such work is in connection with or incident to the products, systems or non-engineering services of such communications common carrier or its affiliates or public service corporation, and provided that the engineering work is not offered directly to the public."

Be delineating the specifics of exemption the converse is to also specifically implied to require registration. Stated simply, any work done in communications for the public shall be done "under the full authority and responsible charge of a registrant, who is also a principal of the firm or office of the corporation," except as exempted in A.R.S. 32-144.

I respectfully submit that you reconsider your opinion to Mesa Public Schools that a registered engineer is not necessary to provide the communication engineering study. This construction work could subsequently be \$500,000 to \$1,000,000, and I'm sure you do not want that public entity employing a "consultant" that may not be qualified based on your recommendation and intpretation.

Sincerely,



Louis C. Sullivan, P.E.
President

LCS:ss



**arizona consulting
engineers association**

03948

25 NORTH 16th STREET • SUITE 108 • PHOENIX, ARIZONA 85016 • PHONES: (602) 266-4926 - 279-0168

November 28, 1977

Mr. Rudolph A. Jimenez
Chairman, State Board of Technical Registration
Civil Engineering Department
University of Arizona
Tucson, Arizona 85721

Dear Mr. Jimenez:

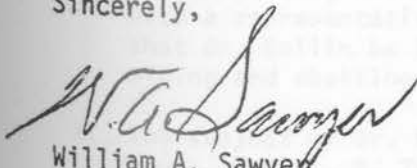
The following question has been raised as to the proper interpretation of Section 32-141 of Article 3 of the Code of the State Board of Technical Registration:

"If a corporate firm is engaged in Arizona in the practice of more than one of the professions licensed by the State Board of Technical Registration, must the corporate firm have a principal of the firm or corporate officer licensed for each of the professions in which engaged (architecture, assaying, engineering, geology, landscape architecture or land surveying)?"

Language in this section "... under the full authority and responsible charge of a registrant ..." (emphasis supplied), indicates to me that a principal of the firm or officer of the corporation registered in any one of the professions licensed by the Board would permit the corporate firm to engage in all of the professions licensed by the Board, provided the firm employs a registrant in each of the professions in which services are provided.

It would be appreciated if this question could be placed on the agenda for consideration of the Board at its December 2, 1977, meeting for an early answer.

Sincerely,


William A. Sawyer
Executive Director

cc: Sam Caruso
Wayne O. Earley
S. Mark Edson
Rod Gomez

Kemper Goodwin
Charles O'Bannon
Patrick H. Porcarello
John Trimble

READING OF COMMUNICATIONS ± Cont'd.

hires a civil engineer, mechanical or structural engineer to do the engineering drawings and stamps those plans, the responsibility the law says is the one who seals it. Dr. Jimenez said that under the full responsibility a firm needs the principal in each discipline registered. Mr. Sawyer requested that the Board take it under deliberation and assign it to a committee or get an Attorney General's opinion. The Chairman told Mr. Sawyer the Board would take his letter under further consideration and let them know.

UNFINISHED BUSINESS

Mr. Gomez reported that the Engineering Evaluation Committee will prepare a Problem 18 for the Personal Audience Examination and report at the next meeting in March, 1978.

At the September 9, 1977, Board meeting, the Executive Director was instructed to get a quotation for producing a list of registrants by disciplines from the Data Processing Division. The report from the Data Center on developing and implementing a program that will print out landscape architects showing name and address, alphabetically, which would cost not to exceed \$384.00, and estimated cost for one run would be \$50.00. It was moved by Mr. Gomez and seconded by Dr. O'Bannon that the Executive Director be instructed to find out the cost for printing the annual report with three types of lists; numerical, alphabetical and alphabetical by discipline. Motion carried.

It was moved by Mr. Earley and seconded by Dr. O'Bannon that the Executive Director be instructed to obtain a printout of a list alphabetically by discipline which can be obtained for a cost of not to exceed \$500.00, and as long as it does not interrupt the annual report. Motion carried with one nay.

Dr. Edgar M. Bollin was present and after the Board had read his letter of November 28 regarding Mr. Michael, Dr. Bollin stated the situation in Sierra Vista had changed and wished the Board to disregard his letter regarding Mr. Michael but still wished the Board to consider his formal complaint filed against Mr. Michael.

Chairman Jimenez then read a summary of the complaints from Dr. Bollin and the investigator's report as follows:

1. Beginning with Dr. Bollin's letter dated August 26, 1977, his stated subject was "Code Violation, Section 32-128, Revocation of Certificate George P. Michael, Jr."

At its meeting held September 9, 1977, the Board, after consultation with a representative from the office of the Attorney General directed that Dr. Bollin be informed that the allegation that Mr. Michael was aiding and abetting a non-registrant is not valid.

2. The subject of Dr. Bollin's letter dated August 30, 1977, was stated thus: "Mr. L. B. Taylor, President of the firm "Sierra Testing and Engineering, Inc." Violation of A.R.S. 32-106.01-B, 32-121, 32-125D, 32-141 32-141-A, 32-145-1 and 32-145-2." See pages 3898 and 3916, minutes of September 9 meeting. As directed by the meeting, our letter dated September 27, 1977, was sent to Dr. Bollin, stating the allegation

UNFINISHED BUSINESS - Cont'd.

against Mr. Michael is not valid, that the Board is giving further consideration to the matter of Mr. Taylor, and that the Board noted that Dr. Bollin is required to have a registered engineer as a principal of his firm. Also that his formal complaints received September 23 will be brought to the attention of the Board at the next meeting.

The Board instructed that Sierra Testing & Engineering Co. be investigated.

3. On September 23, a formal complaint was received against Mr. Michael, alleging aiding and abetting under A.R.S. 32-128-3 and also a violation of A.R.S. 32-142,A.

He submitted a second complaint against Samuel Tucker, Civil Engineer No. 2242, charging him with violations of A.R.S. 32-128-3 and 32-125,C.

His accompanying letter contained attachments:

- (1) Copy of letter to Circle S Ranch Estates, sealed by Mr. Tucker.
- (2) Copy of report filed with Corporation Commission showing Sam Tucker as Vice-President.
- (3) Copy of a report for the proposed project of Ralph's Kawasaki, showing Mr. Tucker's name on the letterhead and bearing Mr. Tucker's seal.

Investigator's Report

This was prepared by Howard C. Sauter, a professional investigator, after interviewing the people involved.

Mr. Sauter was asked to seek factual information to enable the Board to determine if the engineering work done by Sierra Testing was under the full authority and responsible charge of Mr. Tucker. Mr. Sauter found that Dr. Bollin's statements did not agree with Mr. Taylor's statements regarding Mr. Tucker's presence in Sierra Vista, and that they were both without any evidence to support their statements. Mr. Sauter, also, interviewed Mr. Tucker as to his participation, and has included a statement from Mr. Tucker, recorded with his permission. Mr. Tucker appears to have summed up his opinion about compliance with the law on page 2 of his recorded statement, 3rd paragraph. However, the recording is lengthy and while it contains many words, there is no actual evidence as to his presence in Sierra Vista.

Mr. Sauter's investigation also contained copies of reports from Sierra Testing which were sealed by Clarence Wilcox, #1270, W. H. Wheeler, #2057, Robert Tomasso #8841, and Fred. M. Hewitt #7360.

It was reported that there is no evidence whether or not Mr. Tucker was present in Sierra Vista and he has now taken a job in San Diego. Mr. Sillyman stated he had no solid evidence to support this complaint and suggested no further action on this particular violation. It was moved by Mr. Earley and seconded by Dr. O'Bannon that no action be taken on the complaint against Mr. Tucker. Motion carried.

Regarding the complaint against Mr. Michael, Mr. Sillyman stated Dr. Bollin had accused Mr. Michael of aiding and abetting by accepting unauthorized stamped plans of Mr. Tucker. This would require Mr. Michael to investigate on his own to make sure Mr. Tucker was in full responsible charge when stamping the plans. Mr. Sillyman did not think it was aiding and abetting of an unregistered person. It was the consensus that it is not incumbent upon a city engineer or building inspector to determine whether the plans are valid or not only that they meet the codes of the City as they are stamped. It was moved by Mr. Caruso and seconded by Mr. Porcarello that no action be taken on the complaint of Mr. Michael. Motion carried.

Regarding the complaint against Mr. Taylor, Mr. Sillyman stated that the investigator's report showed in the past Mr. Taylor had violated the Statutes as he had no registrant of his corporation to stamp his work nor name on the corporation letterhead. However, in the last two years he has had an officer of the corporation. Since Mr. Tucker has moved to San Diego, he did not think Mr. Taylor is continuing in a legal way, and suggest the Board send a cease and desist letter. It was moved by Mr. Goodwin and seconded by Mr. Gomez that such a cease and desist letter be sent to Mr. Taylor of Sierra Testing. Motion carried.

Discussion followed with Dr. Bollin regarding whether soils testing was geological or engineering work.

Letter from George P. Michael, as shown on Minute Pages 3952 and 3953, was presented. It was moved by Mr. Trimble and seconded by Mr. Porcarello that as a result of their discussion with Dr. Bollin, a geologist can do soil testing but not any design recommendations. Motion carried.

NEW BUSINESS

The Executive Director reported on the complaint received from Gailyn Porter against the Kalfas Corporation and Peter and Sofia Anastos, as shown on Minute Pages 3954 through 3959. After consultation with the Attorney General's Assistant, Mr. Sillyman, a cease and desist order had been mailed to Sofia Anastos which was not accepted through the mail and the constable in Mohave County hand delivered the order, as shown on Minute Pages 3960 and 3961. The Executive Director presented the correspondence following this cease and desist order, as shown on Minute Pages 3962, 3963, 3964 and 3965. It was moved by Mr. Porcarello and seconded by Mr. Caruso that the Executive Director notify Mr. Gailyn Porter that the Kalfas Corporation and Peter and Sofia Anastos through the cease and desist order have now complied with the law. Motion carried.

Complaint from William K. Ekstrom, Jr., Deputy County Attorney, Mohave County, against Herb Shipley, as shown on Minute Pages 3966 through 3970, was presented. The complaint alleges that Mr. Shipley improperly filed his plats under A.R.S. 33-105 and wished us to invoke the provisions of A.R.S. 32-128(A) 2 and (B). It was moved by Mr. Edson and seconded by Mr. Trimble that the Board reaffirm the previous response to Mr. Ekstrom that it is not within our jurisdiction. Motion carried.

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CITY OF SIERRA VISTA

TELEPHONE 458-2840
AREA CODE 602



400 SHERBUNDY, N.W.
SIERRA VISTA, ARIZONA
85635

October 21, 1977

Mr. Edward Drewry
Executive Director
State Board of Technical Registration
1645 West Jefferson
Phoenix, Arizona 85007

Dear Mr. Drewry:

As a result of a recent controversy between two materials testing firms in Sierra Vista, a question has come up that I would like clarified. One firm is owned and operated by a Registered Geologist and the other firm is operated by a Materials Technician and a Registered Engineer. The Geologist has filed certain complaints with your office against the competing firm. The Engineer has in turn threatened to file a complaint against the Geologist. He maintains that the definition of geological practice does not include testing to determine the physical properties of soil, gravel, asphalt, and concrete, drawing conclusions from such tests and making design recommendations. After reviewing the A.R.S. definition of geological practice, I feel it would be quite a liberal interpretation to say that "application of special knowledge of the earth sciences" includes the activities indicated by the Engineer. Consequently, I would like to call upon your expertise and advice. Has the Board of Registration addressed this question and determined that a Registered Geologist is qualified to test materials, draw conclusions and make design recommendations for street and/or structure foundations?

I would appreciate your response to this question as soon as possible. The City is currently in receipt of soil reports and design recommendations that have been certified by the Geologist. I would like to avoid being placed in a position

Mr. Edward Drewry
Page Two
October 21, 1977

of requiring that the developer retain an Engineer if the Board of Registration recognizes a Geologist as being qualified to perform such work. Should you have any questions or require more information, please call me at 458-2840.

Sincerely,



GEORGE P. MICHAEL, JR., P.E.
Director of Public Works

GPM/sw

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GEORGE P. MICHAEL, JR.

State Board of Technical Registration

03954

FOR ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS 1645 W. JEFFERSON PHOENIX, ARIZONA 85007 271-4053

SWORN COMPLAINT

STATE OF ARIZONA) County of Maricopa)

I Gailyn L. Porter being first duly sworn, upon my oath, deposes and says:

That I charge the following Corporation and its officers named as guilty of a misdemeanor,

That, pursuant to A.R.S. 32-128, I wish to file a sworn complaint with the Arizona State Board of Technical Registration in regard to The Kalfas Corporation and Peter and Sofia Anastos (Name of Individual)

2173 McCulloch Blvd. Lake Havasu City, Az. 86403

That I have investigated certain incidents, the details of which are more particularly described in the affidavits of Gailyn L. Porter Architect A.I.A., attached hereto, and by reference made a part hereof as Exhibits A, respectively;

That as a result of said investigation, it is my opinion that are The Kalfas Corp. & Officers in violation of ARS 32-128 (Name of person) and should be prohibited from continuing such misrepresentation, or show proof that they will comply with said statute in every detail.

Gailyn L. Porter (Name)

SUBSCRIBED AND SWORN to before me this 23 day of Sept,

19 70

Judith A. Davis NOTARY PUBLIC

SWORN AFFIDAVIT

Exhibit A

STATE OF ARIZONA)
)
County of Maricopa

I, Gailyn L. Porter, being first duly sworn

upon my oath, deposes and says:

Peter and Sofia Anastos, doing business as The Kalfas Corporation, Lake Havasu City, Arizona, are in violation of the State of Arizona Code of the State Board of Technical Registration.

The individuals named above are representing themselves as Engineer and Architect respectively and are practicing Engineering and Architecture illegally as reflected by the Corporate letter-head attached as enclosure 1.

In view of the fact that the company Home Office is in Farmington, Mass., the Corporation is in violation of ARS 32-101 Article 4, Section R4-30-43, ARS. 32-101

I certify that the above statements are true and correct to the best of my knowledge and ability.

Gailyn L. Porter
NAME

SUBSCRIBED AND SWORN to before me this 23 day of Sept,

22.

[Signature]
NOTARY PUBLIC

My Commission Expires:



ARCHITECTURE, ENGINEERING, GENERAL CONTRACTORS

03956

TURN-KEY DEVELOPERS

2178 McCULLOCH BLVD. SUITE 11
TEL (602) 855-9499 LAKE HAVASU CITY, AZ. 86403

STATE OF ARIZONA

COUNTY OF MARICOPA

I, William L. Porter being first duly sworn, depose and say:

That I depose the following individual as guilty of a misdemeanor,

That, pursuant to A.R.S. 38-126, I wish to file a sworn complaint with the Arizona State Board of Technical Engineers in regard to Peter C. Anastos (Name of Individual).

KALFAS CORPORATION 2178 McCulloch Blvd.
Lake Havasu City, Arizona 86403

That I have investigated certain incidents, the details of which are more particularly described in the affidavits of William L. Porter

and J. T. [Name] attached hereto, and by reference made a part hereof as Exhibits A and B, respectively.

That as a result of said investigation, it is my opinion that Peter Anastos is representing himself as a

Civil Engineer of the State of Arizona Code of the State Board



SOFIA ANASTOS
Executive Vice President

ARCHITECTS, ENGINEERS, & GENERAL CONTRACTORS
TURN-KEY DEVELOPERS

2178 McCULLOCH BLVD. SUITE 11
TEL (602) 855-9499 LAKE HAVASU CITY, AZ. 86403

Inclusive 1 To exhibit A

STATE OF ARIZONA

State Board of Technical Registration

03957

FOR ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS 1645 W. JEFFERSON PHOENIX, ARIZONA 85007 271-4053

SWORN COMPLAINT

STATE OF ARIZONA) County of Maricopa

I Gailyn L. Porter being first duly sworn, upon my oath, deposes and says:

That I charge the following individual as guilty of a misdemeanor,

That, pursuant to A.R.S. 32-128, I wish to file a sworn complaint with the Arizona State Board of Technical Registration in regard to Peter C. Anastos (Name of Individual)

Kalfas Corporation 2173 McCulloch Blvd. Lake Havasu City, Arizona 86403

That I have investigated certain incidents, the details of which are more particularly described in the affidavits of Gailyn L. Porter Architect A.I.A., attached hereto, and by reference made a part (Names)

hereof as Exhibits A, respectively;

That as a result of said investigation, it is my opinion that Peter Anastos is misrepresenting himself as a (Name of person) Civil Engineer in violation of the State of Arizona Code of the State Board of Technical Registration.

Gailyn L. Porter (Name)

SUBSCRIBED AND SWORN to before me this 23 day of Sept, 1977.

Judith A. Davis NOTARY PUBLIC

SWORN AFFIDAVIT

Exhibit A

STATE OF ARIZONA)
County of Maricopa

I, Gailyn L. Porter, being first duly sworn upon my oath, deposes and says:

Peter C. Anastos doing business as an officer in the Kalfas Corporation, Lake Havasu City, is in violation of the Code of the State Board of Technical Registration, State of Arizona.

Mr. Anastoa has represented himself to me, their clients, members of the Architectural Committee of Lake Havasu City and Mohave Co. officials as a Civil Engineer as reflected by the business card attached as inclosure 1.

Mr. Anastos has introduced and represented his wife, Sofia Anastos, as an Architect to me, their clients, and others as indicated above.

By such misrepresentation, I charge he is in violation of ARS 32-128 and is guilty of a misdemeanor as per Sect. 32-145

I certify that the above statements are true and correct to the best of my knowledge and ability.

Craig L. Porter
NAME

SUBSCRIBED AND SWORN to before me this 23 day of Sept, 72.

Judith A. Hane
NOTARY PUBLIC

My Commission Expires: Dec 15, 1969

My Commission Expires:

U3959

KALFAS CORPORATION
2178 McCulloch Blvd., Suite 11
Lake Havasu City, AZ 86403

Notice to Board and Public

Dear Mr. Anastos:

The Arizona Technical Registration Act, under A.R.S. 32-141, (Title of Corporate Practice, states):

"No firm or corporation shall engage in the practice of architecture, assaying, geology, engineering, landscape architecture, or land surveying unless the work is under the full supervision of a registered professional engineer who is also a registered professional engineer of the corporation. The name of the registered professional engineer shall appear on all work used in the professional practice of the firm."



PETER C. ANASTOS
Civil Engineer

ARCHITECTS, ENGINEERS, & GENERAL CONTRACTORS
TURN-KEY DEVELOPERS

2178 McCULLOCH BLVD. SUITE 11
TEL (602) 855-9499 LAKE HAVASU CITY, AZ. 86403

"1. Practices, in any manner, or by implication holds himself out as qualified to practice as an architect, assayer, engineer, geologist, landscape architect, or land surveyor, who is not registered as provided by this chapter.

"2. Advertises or displays a card, sign or other device which may indicate to the public that he is an architect, assayer, engineer, geologist, landscape architect, or land surveyor, who is qualified to practice as such, who is not registered as provided by this chapter.

"3. Assumes the title of engineer, architect, geologist, assayer, landscape architect, or land surveyor, or uses or attempts to use as his own a certificate of registration of another, or uses or attempts to use an expired or revoked certificate of registration."

It has been brought to the attention of the Board that your firm has offered services as architects and engineers, and that Mr. Peter C. Anastos, Treasurer of your corporation, has offered services as a Civil Engineer.

STATE OF ARIZONA

State Board of Technical Registration

03960

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS

1645 W. JEFFERSON

PHOENIX, ARIZONA 85007

271-4053

Mrs. Sofia Anastos, Exec. Vice-President
Kalfas Corporation
2178 McCulloch Blvd., Suite 11
Lake Havasu City, AZ 86403

Re: Notice to Cease and Desist

Dear Mrs. Anastos:

The Arizona Technical Registration Act, under A.R.S. 32-141, Firm or Corporate Practice, states:

"No firm or corporation shall engage in the practice of architecture, assaying, geology, engineering, landscape architecture, or land surveying unless the work is under the full authority and responsible charge of a registrant, who is also a principal of the firm or officer of the corporation. The name of said registrant shall appear whenever the firm name is used in the professional practice of the firm or corporation."

Also, it is stated in part under A.R.S. 32-145, that: "Any person who commits any of the following acts is guilty of a misdemeanor:

- "1. Practices, offers to practice or by any implication holds himself out as qualified to practice as an architect, assayer, engineer, geologist, landscape architect, or land surveyor, who is not registered as provided by this chapter.
- "2. Advertises or displays a card, sign or other device which may indicate to the public that he is an architect, assayer, engineer, geologist, landscape architect, or land surveyor, or is qualified to practice as such, who is not registered as provided by this chapter.
- "3. Assumes the title of engineer, architect, geologist, assayer, landscape architect, or land surveyor, or uses or attempts to use as his own a certificate of registration of another, or uses or attempts to use an expired or revoked certificate of registration."

It has been brought to the attention of the Board that your firm has offered services as architects and engineers, and that Mr. Peter C. Anastos, Treasurer of your corporation, has offered services as a Civil Engineer.

Mrs. Sofia Anastos

Page 2

These offers of architectural and engineering services were made by means of business cards and the corporate letterhead.

The Board's records do not indicate that you are registered as an Architect or Engineer in the State of Arizona, nor that Mr. Peter C. Anastos is registered as a Civil Engineer in this State.

You are requested to provide the names of officers of your corporation who are registered in Arizona as an architect and as an engineer, and who reside in this State.

In the event that officers of your corporation do not possess these qualifications, you must immediately cease and desist from offering services by means of cards, signs or other devices which might imply that the corporation has officers who are registered in Arizona to practice architecture or engineering and who are residents of Arizona. Mr. Peter C. Anastos must also immediately cease and desist from offering his services as a Civil Engineer, engaging in the practice of civil engineering, or assuming the title of civil engineer.

If you fail to comply with these requests, the Board will have no alternative but to refer the matter to the Attorney General for the institution of criminal and/or civil proceedings against you in the Superior Court of Arizona. A.R.S. 32-106.01 authorizes the Board to institute civil proceedings to enjoin such practices and, as stated, above, if a person violates A.R.S. 32-145, such person is guilty of a misdemeanor punishable by a fine and/or by imprisonment.

You are directed to advise the Board in writing not later than November 10, 1977, of your efforts to comply with this notice. Your response should be directed to the office of the Board as shown on this letterhead.

DATED: October 26, 1977.

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

Edward G. Drewry
Executive Director

cc: Michael W. Sillyman
Assistant Attorney General



GENERAL CONTRACTORS

RECEIVED
03962

TURN-KEY DEVELOPERS

2178 McCULLOCH BLVD. SUITE 11
TEL (602) 855-9499 LAKE HAVASU CITY, AZ. 86403

November 15, 1977

State of Arizona
State Board of Technical Registration
1645 W. Jefferson
Phoenix, Arizona 85007

Re: Intent to Cease and Desist

Dear Mr. Drewry:

We have in the past offered our services as Architects and Engineers; at which time our staff included an Architect and an Engineer, both licensed in Arizona and junior officers of the corporation.

As for the question of Mr. Anastos offering his services or advertising as an engineer; any such act was by accident and an error of omission. His business cards were erroneously printed with "Civil Engineer" beneath his name, omitting E.I.T. Subsequently "E.I.T." was typed beneath "Civil Engineer". Any business cards which left this office without "E.I.T." typed as indicated on the enclosed card did so without Mr. Anastos' knowledge or by accident. Mr. Anastos is a graduate Civil Engineer, having a B.S.C.E. from Lowell Technological Institute, Lowell, Massachusetts; passed his E.I.T. examination in April, 1975, and intends to become a P.E. in 1979.

At the present time we retain a consultant Architect and Engineer, both licensed in Arizona. However, they are not members of the permanent staff nor are they officers of the corporation. We are in the process of scheduling a meeting of the Board of Directors of the corporation in order to elect the above mentioned consultants as officers of the corporation, which is complicated by the fact that some of our board directors are presently out of state.

Until such time as we can schedule the election, we will strike the words "Architecture, Engineering..." from the letterhead and substitute " Building Design, Site Development".

Page 2

We regret that these events occurred and assure you that we will be vigilant in preventing any such violation in the future.

Respectfully yours,

Peter C. Anastos

Peter C. Anastos
General Manager

cc: Michael W. Sillyman
Asst. Attorney General

PA/sb

Compliance with the law requires that Arizona registrants in each field be officers of the corporation and residents in Arizona so they are present in the office to be "in full authority and responsible charge" of all architectural or engineering work done by themselves or other employees, and to be personally available to clients.

The intent of being officers is that such persons will have legal authority to control the corporation financially. It is noted that none of your officers as named with the Arizona Corporation Commission as of October 3, 1977, were registered by this Board.

For example, your EIT work will be considered when your experience record permits you to apply for professional registration in Arizona, but until you become so registered, you are not permitted to indicate to the public that you are an engineer or that you are qualified to practice as such.

Your consultant Architect and Engineer as depicted in your letter are authorized to practice or offer to practice their professions as individuals in Arizona, but your firm is not lawfully permitted to offer services which you expect to be performed by those individuals.

It may be desirable for you to inform us before your board meeting who are expected to be elected officers, so we may advise you of their status before action is taken.

Yours very truly,

Edward E. Drury

Edward E. Drury
Executive Director

STATE OF ARIZONA

State Board of Technical Registration

03964

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS
1645 W. JEFFERSON

PHOENIX, ARIZONA 85007
271-4053

November 21, 1977

Mr. Peter C. Anastos, General Manager
KALFAS Corp.
2178 McCulloch Blvd., Ste. 11
Lake Havasu City, AZ 86403

Dear Mr. Anastos:

Thank you for your response to our letter dated October 26, 1977.

There are still some items which need further consideration concerning your firm's practice as architects and/or engineers.

Compliance with the law requires that Arizona registrants in each field be officers of the corporation and residents in Arizona so they are present in the office to be "in full authority and responsible charge" of all architectural or engineering work done by themselves or other employees, and to be personally available to clients.

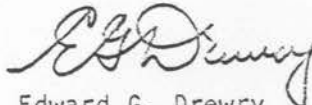
The intent of being officers is that such persons will have legal authority to commit the corporation financially. It is noted that none of your officers on record with the Arizona Corporation Commission as of October 3, 1977, were registered by this Board.

Mr. Anastos, your EIT exam will be considered when your experience record permits you to apply for professional registration in Arizona, but until you become so registered, you are not permitted to indicate to the public that you are an engineer or that you are qualified to practice as such.

Your consultant Architect and Engineer as depicted in your letter are entitled to practice or offer to practice their professions as individuals in Arizona, but your firm is not lawfully permitted to offer services which you expect to be performed by those individuals.

It may be desirable for you to inform us before your board meeting who are expected to be elected officers, so we may assure you of their status before action is taken.

Yours very truly,



Edward G. Drewry
Executive Director

EGD/js

cc: Michael W. Sillyman, Asst. Attorney General



GENERAL CONTRACTORS

03965

TURN-KEY DEVELOPERS

2178 McCULLOCH BLVD. SUITE 11
TEL (602) 855-9499 LAKE HAVASU CITY, AZ. 86403

November 23, 1977

State Board of Technical Registration
1645 W. Jefferson
Phoenix, Arizona 85007

Attn: Edward G. Drewry

Dear Mr. Drewry:

In reply to your letter of November 21, 1977, and to review our position regarding the question of Architect-Engineer advertising.

1. We no longer advertise as "Architects-Engineers".
2. We do not offer or advertise the services of our consultant Architect or Engineer. We do inform our clients that their services are available when necessary.
3. We advertise our staff services as "Building Design", "Site Development" and "General Contractors".

At such time as we schedule a meeting of the corporate Board of Directors, we will advise your office of the officers elect and of their professional status.

Yours truly,

Peter Anastos
Peter Anastos
General Manager

PA/sb

Very truly yours,

D. H. BARNETT
Bellevue County Attorney

William J. ...
WILLIAM J. ...
Deputy County Attorney

MOHAVE COUNTY ATTORNEY

MOHAVE COUNTY COURTHOUSE • KINGMAN • ARIZONA 86401



D. B. BABBITT
~~GARY R. POPE~~
 County Attorney

~~HAMILTON S. UNDERWOOD~~
 Chief Deputy

September 13, 1977

RECEIVED

STATE BOARD TECHNICAL REGISTRATION

Edward G. Drewry, Executive Director
 State Board of Technical Registration
 1645 West Jefferson
 Phoenix, Arizona 85007

Dear Mr. Drewry:

I am enclosing your letter of September 9, 1977, and am again sending the exhibits, along with an executed complaint.

Although, as you accurately state, my original letter sets forth a violation of A.R.S. §33-105, it seems clear to me that the Board is empowered to investigate this matter and take any appropriate disciplinary action under the provisions of A.R.S. §128(A)(2) and §128(B) [providing for investigation upon oral or written complaints not under oath].

Mohave County has encountered some serious problems with boundary discrepancies due, in part, to the fact that some surveyors and engineers have failed to consistently act in complete accord with recording statutes concerning such discrepancies. It is incumbent upon your board, as the licensing agency for such individuals, to assure the public that your licensees will not engage in such misconduct. While I don't believe that criminal action is appropriate or that the individual's license should necessarily be revoked, certainly, if found guilty of misconduct or gross negligence, a serious reprimand would be in order.

I would appreciate your advising me at your earliest convenience of your intentions concerning this complaint. Thank you for your prompt answer to my previous letter.

Very truly yours,

D. B. BABBITT
 Mohave County Attorney

William J. Ekstrom, Jr.
 WILLIAM J. EKSTROM, JR.
 Deputy County Attorney

WJE:sd

Enclosures

State Board of Technical Registration

FOR
ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS
1645 W. JEFFERSON
PHOENIX, ARIZONA 85007
271-4053

SWORN COMPLAINT

STATE OF ARIZONA)
)
County of Mohave)

I WILLIAM J. EKSTROM, JR. being first duly sworn, upon my oath, deposes and says:

That I am a Deputy County Attorney of Mohave County, Arizona;

That, pursuant to A.R.S. 32-128, I wish to file a sworn complaint with the Arizona State Board of Technical Registration in regard to Herb Shipley.
(Name of Individual)

That I have investigated certain incidents, the details of which are more particularly described in the ~~affidavits of~~ exhibits _____, attached hereto, and by reference made a part (Names) hereof as ~~Exhibits~~ _____, respectively;

That as a result of said investigation, it is my opinion that Herb Shipley is in violation of A.R.S. 33-105
(Name of person)

William J Ekstrom Jr
(Name)

SUBSCRIBED AND SWORN to before me this 13th day of September, 1977.

Sherrine Davis
NOTARY PUBLIC

SWORN AFFIDAVIT

Exhibit _____

STATE OF ARIZONA)
)
County of MOHAVE)

I, WILLIAM J. EKSTROM, JR., being first duly sworn upon my oath, deposes and says:

See enclosed Exhibits A through F

Exhibit A - A series of correspondence between this office, your office and the Clerk of the Board of Supervisors regarding the aforementioned survey. (Exhibit A)
Exhibit B - A series of an excerpt from a newspaper, which brings the problem to light in terms the public can appreciate.
Exhibit C - A copy of Exhibit B, the Shipley Survey was brought to my attention by the Arizona Title and Trust Company through the Board of Supervisors' office. The title company was concerned over the large discrepancy purported to exist by Shipley (see ARS 33-101 for requirements on filing a Record of Survey.) By extrapolating the date (ARZ 33-101) from the end of May (see Exhibit A) was determined August 19, 1977 as be the expiration date of Mr. Shipley's statutory limitation on filing the aforementioned Record of Survey, hence he is in violation of ARS 33-101.

It is incumbent on surveyors to provide identification, in the official record, of such a discrepancy as to perpetuate the positions of monument "where they were" and "not where they should be."

I certify that the above statements are true and correct to the best of my knowledge and ability.

William J. Ekstrom
NAME

SUBSCRIBED AND SWORN to before me this 13th day of September,

1977.

Sherrine Davis
NOTARY PUBLIC

Synopsis of Exhibits

- Exhibit A - Xerox copy of an 8 1/2 x 11 map prepared by H. Shipley, RLS 5361, which is the subject of this report.
- Exhibit B - Index map prepared by this office to indicate the scope of Section 7.
- Exhibit C - Excerpts from the Manual of Instructions for the Survey of the Public Lands of the United States (1973).
- Exhibit D - A print of N. J. Devlin, Job No. 1402, indicating the original Subdivisional Survey of Section 7.
- Exhibit E - A xerox of correspondence between this office, your office and the Clerk of the Board of Supervisors regarding the aforementioned survey. (Exhibit A)
- Exhibit F - A xerox of an excerpt from a newspaper, which brings the problem to light in terms the public can appreciate.

As per Exhibit E, the Shipley Survey was brought to my attention by the Arizona Title and Trust Company through the Board of Supervisors' office. The title company was concerned over the large discrepancy purported to exist by Shipley (see ARS 33-105 for requirements on filing a Record of Survey.) By extrapolating 90 days (ARS 33-105) from the end of May (see Exhibit A) one determines August 29, 1977 to be the expiration date of Mr. Shipley's statutory limitation on filing the aforementioned Record of Survey, hence he is in violation of ARS 33-105.

It is incumbent on surveyors to provide identification, in the official record, of such a discrepancy so as to perpetuate the positions of monuments "where they were" and "not where they should be".

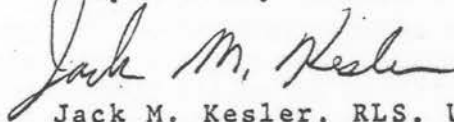
Exhibit A contains several inconsistencies with the rules regarding Public Land Surveying, as quoted thereon, and consequently should be suspect from the point of view of reliability to begin with. To clarify this suggestion recourse must be had to the prescribed methods of determining the four corners of a government lot in a fractional section such as Section 7, T21N, R16W. On Exhibit A I have outlined in red the statement regarding said survey's strict compliance with the U.S. B.L.M. Manual of Instructions. Hence, refer to Exhibit C, in particular, the paragraph underlined in Section 3-92, pg. 86. With this doctrine in mind refer to Exhibit B for a step by step breakdown in the establishing of the four corners for Government Lot 12, Section 7, T21N, R16W, G. & S.R.M.

1. Determine the position for Point A by proportionate measurement between the closing corner monuments established at the NW and SW corners of Section 7.
2. Establish Point B by intersection of the N-S and E-W centersection lines.
3. Measure Line A to B and by proportionate measure determine Point H.
4. Measure Line B to D and establish Point C by proportionate measure.
5. Measure Line D to E and establish Point G by proportionate measure.
6. Measure Line E to A and establish Point F by proportionate measure.
7. Determine Point I by intersecting lines F to C and H to G.

The Shipley survey indicates that he measured West, 3960.0 feet and 2640.0 feet, no proportion applied here! Exhibit D is a print of a map delineating the subdivisional survey of Section 7 performed by Mr. N. J. Devlin. This map correctly indicates the aforementioned procedure and thereby indicates the true disposition for the four corners of Government Lot 12.

It is this disregard for compliance with regulation by Mr. Shipley that results in boundary disputes; inquiries such as Exhibit E and results such as Exhibit F.

Respectfully submitted,



Jack M. Kesler, RLS, USMS
County Surveyor

NEW BUSINESS - Cont'd.

Authorization was requested for travel to attend the annual meeting of the Western Conference of State Architectural Registration Boards in Albuquerque, New Mexico in March, 1978. It was moved by Mr. Porcarello and seconded by Dr. O'Bannon that all three architects may attend the meeting if they wish to, and the Executive Director request a waiver from the Governor's office of only one attending an out-of-State meeting. Motion carried with two nays.

The following dates were approved for the next committee and board meetings:

Either late January or early February - Engineering Examination Committee meeting to review results of the November, 1977, examinations. Special Board meeting to be called after this meeting.

February 9-10, 1978 - Architectural & Landscape Architectural Committee

February 14, 15, 16 & 17, 1978 - Engineering Evaluation Committee

March 10, 1978 - Regular Board Meeting in Tucson

ADJOURNMENT

It was moved by Dr. O'Bannon and seconded by Mr. Earley that the meeting be adjourned at 4:15 P.M. Motion carried.

G. A. Gimenez
CHAIRMAN

J. H. Hutton
SECRETARY

NEW BUSINESS

The Western Conference Architect meeting be held March 8-10, 1978, in Tucson, Arizona. It was moved by Mr. Earley and seconded by Mr. Porcarello that the date of the March meeting be changed from March 10 to March 8 in Tucson. Motion carried.

Continued on Minute Page 224

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

FEBRUARY 3, 1978

A special meeting of the State Board of Technical Registration was called to order by Dr. R. A. Jimenez, Chairman, in Room 315, 1645 W. Jefferson, Phoenix, Arizona, Friday, February 3, 1978, at 9:00 A.M.

PRESENT

R. A. Jimenez, Chairman
Sam Caruso, Vice-Chairman
F. Mark Edson, Se-retary
Wayne O. Earley
Rod J. Gomez
Kemper Goodwin
Patrick H. Porcarello
John B. Trimble

ABSENT

Charles E. O'Bannon

It was moved by Mr. Porcarello and seconded by Mr. Edson that the minutes of the regular meeting of the Board on December 2, 1977, be approved as presented. Motion carried.

REPORT OF THE ARCHITECTURAL EXAMINATION COMMITTEE

Mr. Edson presented the Report of the Architectural Examination Committee meeting held January 27, 1978, as shown on Minute Pages 3973 and 3974. It was moved by Mr. Edson and seconded by Mr. Porcarello that the report of the Architectural Examination Committee meeting held January 27, 1978, be accepted and implemented by the Board. Motion carried.

REPORT OF THE ENGINEERING EXAMINATION COMMITTEE

Mr. Gomez presented the Report of the Engineering Examination Committee meeting held February 2, 1978, as shown on Minute Pages 3975 through 3984. It was moved by Mr. Gomez and seconded by Mr. Caruso that the report of the Engineering Examination Committee meeting held February 2, 1978, be accepted and implemented by the Board. Motion carried.

The Schedule of the April Examinations was presented as shown on Minute Page 3985. Chairman Jimenez noted that these dates were the ones which had been established nationally and commented that the Board should try to use as much as possible those examinations prepared by the National office to ensure uniformity with other states. Also, the national examinations' grading system has a good record for being defensible.

It was moved by Mr. Trimble and seconded by Mr. Porcarello that the above schedule of the April examinations as presented be approved. Motion carried.

NEW BUSINESS

Due to the Western Conference Architect meeting be held March 9-10, 1978, it was moved by Mr. Trimble and seconded by Mr. Gomez that the date of the March Board meeting be changed from March 10 to March 3 in Tucson. Motion carried.

Continued on Minute Page 3988

DATE: January 27, 1978

TO: State Board of Technical Registration

FROM: Architectural Examination Committee

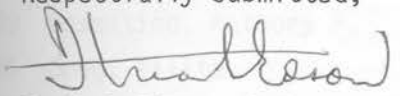
The Architectural Examination Committee met on Friday, January 27, 1978, in Phoenix, Arizona, with the following members present:

- F. Mark Edson
- Kemper Goodwin
- Patrick H. Porcarello

The committee meeting was held to review the results of the Architectural Professional Examination given in December, 1977, and recommends to the Board that the examination results as shown on the page following this report be certified.

The Architectural Examination Committee recommends this report be accepted and implemented by the Board.

Respectfully submitted,



F. Mark Edson, Chairman

| | | | | | |
|-------|--------------------------|------|--------|-------------------------|------|
| 1-21 | Anderson, Donald W. | FAIL | 77-211 | Anderson, William T. | FAIL |
| 1-22 | Arnell, Clarence D. | FAIL | 77-224 | Arnell, John C. | FAIL |
| 1-23 | Baker, George V. | PASS | 77-126 | Balaban, Patricia Joann | FAIL |
| 1-24 | Barnhart, Harold J. | FAIL | | | |
| 1-25 | Barnhart, Richard E. | PASS | | | |
| 1-26 | Barnhart, Thomas Donald | PASS | | | |
| 1-27 | Barnhart, Sanford L. | PASS | | | |
| 1-28 | Barnhart, Daniel Martin | PASS | | | |
| 1-29 | Barnhart, David Lee | PASS | | | |
| 1-30 | Barnhart, Roger W. | PASS | | | |
| 1-31 | Barnhart, Michael Lee | FAIL | | | |
| 1-32 | Barnhart, Steven Gary | PASS | | | |
| 1-33 | Barnhart, Christopher M. | PASS | | | |
| 1-34 | Barnhart, Norman H., Jr. | PASS | | | |
| 1-35 | Barnhart, Lily Wong | FAIL | | | |
| 1-36 | Barnhart, Edward H. | FAIL | | | |
| 1-37 | Barnhart, Michael | PASS | | | |
| 1-38 | Barnhart, Thomas C., II | PASS | | | |
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RESULTS OF
ARCHITECTS' PROFESSIONAL EXAMINATION
DECEMBER, 1977

03974

| NO. | NAME | GRADE | NO. | NAME | GRADE |
|---------|-------------------------|-------|---------|------------------------|-------|
| *77-507 | Abell, James Logan | PASS | 77-154 | Mogro, Carlos | FAIL |
| *77-157 | Anderson, Steven Clark | PASS | 71-391 | Moos, Stephen Leon | FAIL |
| 77-205 | Balmer, Wesley Robert | PASS | 77-514 | Nolan, James Arthur | FAIL |
| 74-558 | Batchelder, James Allen | FAIL | 76-134 | Otwell, William S. | PASS |
| *77-470 | Beier, Terry Grant | PASS | 77-430 | Patterson, Jon Barry | PASS |
| *77-536 | Bern, Ross Hilton | PASS | 73-212 | Podolsky, William I. | FAIL |
| 71-414 | Biddle, Warren Robert | FAIL | 77-224 | Pujdas, Jose C. | FAIL |
| 77-138 | Bracamonte, Robert A. | PASS | 77-135 | Ralston, Philip Johns | FAIL |
| *76-459 | Call, Dennis Aaron | PASS | *77-497 | Rand, Guilford Allen | PASS |
| *76-157 | Castano, George | PASS | *77-463 | Rehfeldt, Richard P. | PASS |
| 75-460 | Cheung, Douglas C. | FAIL | *76-444 | Ripley, Britt Julin | PASS |
| *76-423 | Chow, Shao Li | PASS | *77-495 | Roberts, James Anson | PASS |
| 77-528 | Colosa, Joseph T. | FAIL | 75-358 | Robison, Robert C. | PASS |
| *76-176 | Coover, Christopher | PASS | *77-487 | Schick, Richard Henry | PASS |
| 77-339 | Cosentino, Anthony P. | FAIL | 77-540 | Schmitt, David Leo | PASS |
| 76-396 | Dong, Tillie | FAIL | *77-96 | Schuman, Stanley Paul | PASS |
| 77-180 | Dooling, David Paul | FAIL | 75-401 | Seats, Timothy Alan | FAIL |
| 77-539 | Drakulich, Donald M. | FAIL | 77-493 | Sexton, Douglas Robert | PASS |
| 74-499 | Duncan, Clarence D. | FAIL | *77-182 | Sheller, George F. | PASS |
| 77-167 | Famous, George W. | PASS | *77-133 | Six, Richard S. | PASS |
| 72-135 | Fraunhoffer, Herman J. | FAIL | 76-353 | Slatewala, Abdul A. | FAIL |
| 77-199 | Frerking, Michael H. | PASS | *77-469 | Smales, John Michael | PASS |
| 77-483 | Hodges, Thomas Ronald | PASS | *77-486 | Solberg, Richard C. | PASS |
| 77-498 | Hutchison, Randall L. | PASS | *77-488 | Stevens, Michael Evans | PASS |
| *77-413 | Jensvold, Daniel Martin | PASS | 77-475 | Territo, Vincent M. | FAIL |
| *77-485 | Jones, David Lee | PASS | *77-455 | Thompson, Stephen J. | PASS |
| *77-474 | Kimball, Bruce W. | PASS | *77-450 | Thomson, David Fisher | PASS |
| 77-512 | Kuzmik, Michael Lee | FAIL | 76-443 | Trice, Glenn Eugene | FAIL |
| 77-496 | Ladd, Stephen Gary | PASS | *77-394 | Unti, Harvey George | PASS |
| 77-464 | Lesnick, Christopher M. | PASS | *76-455 | Vogt, Kenneth James | PASS |
| *77-444 | Littler, Norman H., Jr. | PASS | 77-114 | Walzer, Mitchell B. | FAIL |
| 72-441 | Lovchik, Lily Wong | FAIL | *77-429 | Watkins, David Walter | PASS |
| 74-538 | Lucero, Edward H. | FAIL | *77-163 | Watson, James Richard | PASS |
| *77-457 | MacVittie, Michael | PASS | 77-134 | Wilson, James Marvin | FAIL |
| *77-471 | Martin, Thomas C., II | PASS | 77-275 | Ziehn, William Charles | PASS |

DATE: February 2, 1978

TO: State Board of Technical Registration
FROM: Engineering Examination Committee

The Engineering Examination Committee met on Thursday, February 2, 1978, in Phoenix, Arizona, with the following members present:

Rod Gomez R. A. Jimenez
Sam Caruso John B. Trimble

The committee meeting was held to review the results of the examinations given in November, 1977, except for the land surveying examinations which were unavailable, and recommends to the Board that the examination results as shown on the following pages of this report be certified.

By resolution, the committee recommends that the requirement of taking Part 4 of the land surveying examination for those out-of-State registrants who wish to become registered as land surveyors in Arizona be deleted. Those applicants who were previously held for this examination at the September and December, 1977, Board meetings will not be required to take this examination and recommend they be granted registration.

By resolution, the committee recommends that Part 3 of the land surveying examination as well as Parts 1 and 2 be obtained from the National Council of Engineering Examiners. Also, the committee recommends that the Executive Director be authorized to secure Part 4 of the land surveying examination from a source wherein the person who prepares the examination does not teach a review course to proposed applicants.

The Engineering Examination Committee recommends this report be accepted and implemented by the Board.

Respectfully submitted,


Rod Gomez, Chairman

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| NO. | NAME | Part I | Part II | Part III | Part IV | Passed |
|-----------------------------|-----------------------------------|-----------|------------|-------------|------------|---------|
| CHEMICAL ENGINEERING | | | | | | |
| 11288 | Chait, Maurice J. (for record) | P | P | P | P | 1,2 |
| 74-268 | Cole, Edward Arthur | Ex | Ex | P | F | |
| 76-193 | Hammon, Lyndon Ray | Ex | Ex | F | F | |
| 76-119 | Roberts, S. Von | P | P | F | F | |
| 76-260 | Rosenstock, Hubert | P | P | F | F | |
| 75-558 | Villemez, George R. | Ex | Ex | F | F | |
| CIVIL ENGINEERING | | | | | | |
| 77-342 | Bethell, John L. | P | P | F | F | |
| 70-58 | Bertella, Guido J. | P | F | P | P | |
| 76-585 | Buckley, Terry V. | F | F | F | F | |
| 76-208 | Buxton, Lawrence A. | P | P | P | F | 1,3 |
| 76-508 | Chen, James S. C. | Ex | Ex | F | F | |
| 70-311 | Dalrymple, Guerry M. | F | F | F | P | |
| *76-541 | Doss, Robert Hull | P | P | P | P | 3,4 |
| *76-551 | Dunn, William Clyde | P | P | P | P | 1,2,3,4 |
| *77-291 | Evans, John Austin | P | P | P | P | 3,4 |
| *77-372 | Farney, James Eugene | P | P | P | P | 3,4 |
| 77-63 | Fincel, John M. | P | P | P | F | |
| *76-542 | Fisher, James W. | P | P | P | P | 3 |
| 75-354 | Funderburk, Harvey A. | F | P | P | P | 2 |
| *77-129 | Goldman, Fred Edward | Ex | Ex | P | P | 3,4 |
| *77-98 | Haak, Ralph Donald | Ex | Ex | P | P | 3,4 |
| 77-260 | Harn, Paul Alan | P | P | P | F | 3 |
| *76-540 | Haws, Wallace Ray | P | P | P | P | 3,4 |
| *76-144 | Heiniger, Gordon Gene | Ex | Ex | P | P | 3 |
| 74-373 | Hood, Douglas E. | P | P | P | F | |
| *77-218 | Imig, Donald P. | Ex | Ex | P | P | 3,4 |
| *77-47 | Jenkins, William C. | Ex | Ex | P | P | 3,4 |
| *77-206 | Johnson, George B. | P | P | P | P | 3,4 |
| *77-246 | Kelly, Timothy E. | Ex | Ex | P | P | 3,4 |
| 77-261 | Kimmel, Richard J. | P | P | P | F | 3 |
| *77-87 | King, Fredrick Lewis | Ex | Ex | P | P | 3,4 |
| 77-61 | Koski, Michael Lyle | Ex | Ex | F | F | |
| *77-285 | Larson, Scott Marvin | Ex | Ex | P | P | 3,4 |

| NO. | NAME | Part I | Part II | Part III | Part IV | Passed |
|-----------------------------|---------------------------------------|-----------|------------|-------------|------------|--------|
| CIVIL ENGINEERING - Cont'd. | | | | | | |
| 11306 | Lundwall, Dan Richard (for record) | P | P | P | P | 1,2 |
| * 77-369 | McLean, Thomas M. | P | P | P | P | 3,4 |
| * 75-266 | Mahnke, Stephen A. | Ex | Ex | P | P | 4 |
| 77-327 | Malik, Mahmood A. | F | P | P | F | 2,3 |
| 75-231 | Masowdi, Amir M. | P | F | P | F | 3 |
| * 71-472 | Matthews, Lawrence E., Jr. | P | P | P | P | 4 |
| 76-10 | Mercer, Donald Jay | Ex | Ex | Ex | F | |
| 76-103 | Milicevic, Novica | F | P | F | F | 2 |
| * 77-340 | Miller, Phillip B. | Ex | Ex | P | P | 3,4 |
| * 76-584 | Morgan, Raymond D. | P | P | P | P | 3,4 |
| 10289 | Nauseda, Barry B. (for record) | F | F | P | P | |
| 75-421 | Nixon, Charles G. | P | F | P | P | 1 |
| * 77-90 | Nowatzki, Edward A. | Ex | Ex | P | P | 3,4 |
| 76-384 | Ochoa-Romero, Ramon B. | Ex | Ex | F | Ex | |
| * 76-573 | Patel, Mahesh N. | P | P | P | P | 1 |
| * 75-433 | Peterka, Gregory J. | Ex | Ex | P | P | 3 |
| 77-253 | Rausch, Robert R. | P | P | F | F | |
| 11315 | Ritter, John B. (for record) | F | P | P | P | 2 |
| * 77-270 | Sands, Thomas G. | P | P | P | P | 3,4 |
| 77-377 | Scoble, Francis M. | P | P | F | F | 1,2 |
| * 76-329 | Smith, Eugene L. | Ex | Ex | P | P | 3 |
| 77-231 | Smith, Ramon Guy | Ex | Ex | F | F | |
| 77-323 | Sobieski, Paul G. | P | P | P | F | 3 |
| * 76-563 | Swan, Deidre Ann | P | P | P | P | 3,4 |
| 74-392 | Teply, George J. | F | F | P | P | |
| * 77-258 | Turner, James A. | P | P | P | P | 3,4 |
| * 77-37 | Wallace, Robert M. | P | P | P | P | 3 |
| * 77-259 | Weeks, David K. | P | P | P | P | 3,4 |
| 76-320 | Wilkie, Paul A. | F | P | F | F | 2 |
| 76-68 | Wilson, John L. | Ex | Ex | F | F | |
| 74-444 | Wong, Jimmy | F | P | P | P | |
| 76-407 | Yeager, Larry R. | Ex | Ex | F | F | |

| NO. | NAME | Part I | Part II | Part III | Part IV | Passed |
|------------------------|------------------------------------|--------|---------|----------|---------|---------|
| ELECTRICAL ENGINEERING | | | | | | |
| 77-269 | Ananthanarayanan, B. | P | F | F | F | 1 |
| * 76-514 | Bahl, Prem K. | P | P | P | P | 2 |
| * 77-141 | Barr, Howard Earl | Ex | Ex | P | P | 3,4 |
| * 77-254 | Bischoff, Stephen J. | P | P | P | P | 3,4 |
| 77-255 | Butkovich, James T. | F | F | P | P | 3,4 |
| 75-185 | Campbell, William | P | F | P | P | |
| 76-52 | Clark, Roger W. | Ex | Ex | F | P | 4 |
| 77-325 | Davis, John Edward | Ex | Ex | F | F | |
| 73-320 | DeLuca, Rocco G. | F | F | DNA | DNA | |
| 77-214 | Emmons, Glen T. | Ex | Ex | F | F | |
| * 77-125 | Fleck, Dennis M. | P | P | P | P | 3,4 |
| 74-669 | Haines, Robert T. | F | F | P | P | |
| 77-308 | Hall, Esrie Sherman, Jr. | F | F | F | P | 4 |
| * 77-264 | Johnson, Raymond R. | P | P | P | P | 1,2,3,4 |
| 77-341 | Jolley, Virides Allen | F | F | F | P | 4 |
| 11440 | Jones, Roger Clyde (for record) | Ex | Ex | P | P | 3,4 |
| 76-249 | Kelly, John Howard | Ex | Ex | F | F | |
| 76-72 | King, Richard J., Jr. | F | F | F | F | |
| * 77-303 | Lepley, Thomas C. | Ex | Ex | P | P | 3,4 |
| * 77-59 | Lind, Kenneth Carl | Ex | Ex | P | P | 3,4 |
| * 77-204 | Llewellyn, Robert N. | Ex | Ex | P | P | 3,4 |
| * 76-389 | Lundgren, Victor John | Ex | Ex | P | P | 3 |
| 73-704 | Lundmark, George E. | Ex | Ex | F | F | |
| * 76-278 | Mah, Stanley | P | P | P | P | 3,4 |
| 70-240 | Martinez, Joseph B. | Ex | Ex | F | F | |
| * 76-189 | Nehal, Syed M. | P | P | P | P | 1,2,3 |
| * 77-338 | Payne, Francis L. | Ex | Ex | P | P | 3,4 |
| * 77-267 | Preckshot, George G. | P | P | P | P | 1,2,3,4 |
| 76-536 | Reiter, William A. | Ex | Ex | F | F | |
| * 76-529 | Selby, Herbert R. | Ex | Ex | P | P | 4 |
| * 77-302 | Shelton, David Gordon | Ex | Ex | P | P | 3,4 |
| * 77-307 | Sierra, Stanley | Ex | Ex | P | P | 3,4 |
| 77-309 | Sykora, Kenneth R. | Ex | Ex | F | P | 4 |
| * 77-250 | Theiss, John Boyd | Ex | Ex | P | P | 3,4 |
| 77-335 | Thomas, Kenneth J. P. | P | P | P | F | 1,2,3 |
| * 77-71 | Yee, David Moon | P | P | P | P | 3,4 |
| 77-121 | Zaletel, Edward A. | Ex | Ex | F | F | |

| NO. | NAME | Part I | Part II | Part III | Part IV | Passed |
|--------------------------------|-----------------------|--------|---------|----------|---------|---------|
| <u>GEOLOGICAL ENGINEERING</u> | | | | | | |
| * 77-46 | Maier, Michael M. | Ex | Ex | P | P | 3,4 |
| 77-337 | Thomas, Stewart A. | F | F | F | P | 4 |
| 70-226 | Youell, James R. | P | F | P | P | |
| <u>GEOPHYSICAL ENGINEERING</u> | | | | | | |
| * 77-209 | Scheffey, Paul L. | Ex | Ex | P | P | 3,4 |
| <u>HIGHWAY ENGINEERING</u> | | | | | | |
| 74-166 | Blizzard, Max S. | F | F | F | P | |
| 74-271 | Bloom, Norman K. | P | F | F | P | |
| 76-291 | Boren, Ervin L. | F | F | F | F | |
| 76-151 | Foster, Thomas D. | F | F | P | F | |
| 73-44 | Key, Orin William | P | F | P | P | |
| 74-173 | Lay, George John | P | F | P | P | |
| 76-345 | Mitchell, William A. | F | F | F | F | |
| 70-413 | Patty, John H. | F | P | P | P | |
| * 71-285 | Saban, Johnny | P | P | P | P | 4 |
| 73-290 | Snyder, Jack D., Sr. | F | P | P | P | 2 |
| 72-542 | Strouse, David F. | F | F | P | P | |
| 75-492 | Taylor, Allen R. | P | P | P | F | 1 |
| 76-85 | Wright, Edward D. | F | F | P | F | 3 |
| <u>INDUSTRIAL ENGINEERING</u> | | | | | | |
| * 77-164 | Schaal, Ivan Eugene | P | P | P | P | 1,2,3,4 |
| <u>MECHANICAL ENGINEERING</u> | | | | | | |
| * 77-289 | Bachel, Larry F. | Ex | Ex | P | P | 3,4 |
| 77-334 | Barnes, Darryl L. | P | P | F | F | 1,2 |
| * 77-122 | Boyd, Donald R. | P | P | P | P | 3,4 |
| 76-23 | Brown, Larry Leroy | P | P | F | DNA | 1,2 |
| * 77-348 | Burbine, Norman H. | Ex | Ex | P | P | 3,4 |
| * 77-237 | Chilton, Daniel L. | P | P | P | P | 1,2,3,4 |
| * 77-102 | Christensen, Roger J. | Ex | Ex | P | P | 3,4 |
| 75-546 | Cooper, Howard M. | P | P | F | P | |
| * 77-7 | Cromack, John R. | Ex | Ex | P | P | 4 |
| * 74-700 | Darmiento, Frank T. | P | P | P | P | 4 |

| NO. | NAME | Part I | Part II | Part III | Part IV | Passed |
|---|-------------------------------------|-----------|------------|-------------|------------|-----------|
| <u>MECHANICAL ENGINEERING - Cont'd.</u> | | | | | | |
| 9036 | Gallagher, Roger W. (for record) | F | P | P | P | 2 |
| 71-279 | Haak, Charles Edward | P | P | F | P | |
| * 77-153 | Harp, Lynn L. | Ex | Ex | P | P | 3,4 |
| 76-20 | Hartman, Paul O. | P | P | F | P | 2 |
| * 77-212 | Hecht-Nielsen, Robert | P | P | P | P | 3,4 |
| 72-599 | Hoffarth, Richard C. | P | P | F | P | |
| * 76-37 | Kunka, Peter | P | P | P | P | 3 |
| * 77-295 | Menconi, Peter I. | Ex | Ex | P | P | 3,4 |
| 70-432 | Miller, Marion E. | F | F | P | P | |
| * 76-476 | Nyman, Bengt E. H. | P | P | P | P | 3 |
| * 76-220 | Rihs, Paul William | P | P | P | P | 4 |
| 77-213 | Shaub, Fred Eugene | F | P | F | F | 2 |
| * 77-363 | Shultz, Robert Allen | Ex | Ex | P | P | 3,4 |
| * 75-522 | Sisk, Robert Lee, Jr. | Ex | Ex | P | P | 4 |
| 76-333 | Skiles, Donnie G. | Ex | Ex | P | F | 3 |
| 77-252 | Thies, Joel O. | P | P | P | F | 1,2,3 |
| 76-535 | Weakland, Bernard H., Jr. | P | F | P | F | 3 |
| <u>MINING ENGINEERING</u> | | | | | | |
| * 77-65 | Attaway, Michael P. | Ex | Ex | P | P | 3,4 |
| * 77-151 | Marshall, Robert H. | Ex | Ex | P | P | 3,4 |
| 77-326 | Phillips, Stephen H. E. | F | P | F | P | 2,4 |
| <u>NUCLEAR ENGINEERING</u> | | | | | | |
| 76-530 | Stirland, Meade A. | Ex | Ex | F | P | 4 |
| <u>SANITARY ENGINEERING</u> | | | | | | |
| * 76-499 | Clark, George G. | Ex | Ex | P | P | 3,4 |
| <u>STRUCTURAL ENGINEERING</u> | | | | | | |
| 77-45 | Ahmed, Moizuddin | Ex | Ex | P | P | F P 3,4,6 |
| 75-472 | Bianchi, Richard J. | P | P | P | P | F F 3,4 |
| 77-155 | Biondolillo, Louis P. | Ex | Ex | Ex | Ex | F P 6 |
| * 76-376 | Dumack, Ralph C. | Ex | Ex | Ex | Ex | P P 5 |
| * 75-135 | Dunkelberg, Jan Erik | Ex | Ex | P | P | P P 6 |

| NO. | NAME | STRUCTURAL ENGINEERING - Cont'd. | | | | | | Passed |
|----------|----------------------|----------------------------------|---------|----------|---------|--------|---------|--------|
| | | Part I | Part II | Part III | Part IV | Part V | Part VI | |
| 74-283 | Gutt, Tadius J. | Ex | Ex | P | P | F | P | |
| * 77-27 | Haley, William S. | Ex | Ex | Ex | Ex | P | P | 5,6 |
| * 77-319 | Holmes, John F. | Ex | Ex | Ex | Ex | P | P | 5,6 |
| 75-309 | Linder, Barry M. | Ex | Ex | Ex | Ex | F | Ex | |
| 73-152 | Locke, James D. | Ex | Ex | P | P | P | F | |
| 76-374 | Marwah, Dharam Pal | Ex | Ex | Ex | Ex | P | F | |
| * 77-210 | Scatena, Louis R. P. | Ex | Ex | Ex | Ex | P | P | 5,6 |
| 75-593 | Soto, Edward M. | P | P | P | P | F | P | |
| * 77-228 | Vogel, Gary Lynn | Ex | Ex | Ex | Ex | P | P | 5,6 |

| GEOLOGY | | Part I | Part II | Part III | Part IV | Passed |
|---------|---------------------|--------|---------|----------|---------|--------|
| 69-198 | Freeman, Gilbert N. | Ex | Ex | F | P | |
| 75-244 | Langland, Leo Lee | Ex | Ex | F | P | |
| 76-32 | Small, Gary G. | Ex | Ex | F | P | |

| ASSAYING | | I | II | Passed |
|----------|------------------------|---|----|--------|
| * 77-287 | Jacobs, Michael George | P | P | 1,2 |

| ENGINEER-IN-TRAINING | | Grade |
|----------------------|--------------------------|-------|
| 77-200 | Acton, John L. | P |
| 77-206 | Alston, Duane Russell | P |
| 77-171 | Alvarez, Joseph John | P |
| 77-165 | Armenta, Jose Luis | F |
| 77-154 | Baldwin, Charles Cummins | P |
| 76-8 | Ballesteros, Louis C. | F |
| 77-120 | Black, Philip B. | P |
| 77-179 | Bleakney, William W. | P |
| 77-26 | Boisvert, Albert E. | F |
| 77-201 | Brack, John Douglas | P |
| 77-209 | Branz, Steven A. | P |
| 77-319 | Brathovde, Robert Dean | P |

| NO. | NAME | Grade |
|----------------------|----------------------------|-------|
| ENGINEER-IN-TRAINING | | |
| 77-135 | Bro, William J. | F |
| 77-210 | Bullock, David H. | P |
| 77-163 | Bussell, Thomas Scott | P |
| 77-24 | Cambier, James S. | F |
| 77-128 | Carr, John William | P |
| 77-136 | Cawood, Carl G. | F |
| 77-153 | Chandler, Randy Neal | P |
| 77-119 | Christopher, Robert Erroll | F |
| 77-195 | Coash, Melvin L. | P |
| 77-180 | Cook, Robert Louis | P |
| 77-178 | Cooley, David J. | P |
| 77-151 | Coolidge, Thomas H. | P |
| 74-127 | Cooper, Marvin Glynn | F |
| 77-218 | Covey, James Roger | P |
| 77-208 | Crawford, Darlene | F |
| 77-145 | Cullinane, Douglas G. | P |
| 77-129 | Daemen, Jaak Joseph K. | P |
| 77-175 | Dailer, David | P |
| 77-14 | Daily, Micahel Dennis | F |
| 77-92 | Davis, Douglas Charles | F |
| 77-162 | Despain, Ronald A. | P |
| 77-147 | Dohmen, Diana T. | F |
| 77-216 | Domzalski, Mark William | P |
| 77-157 | Dotson, David Dell | P |
| 77-134 | Drinkwater, David Wayne | P |
| 77-143 | Duckworth, Charles Byron | P |
| 77-193 | Franzmeier, Robert W. | P |
| 77-190 | Gabbay, Michael Jason | P |
| 77-176 | Gerlach, James W. | F |
| 77-22 | Goff, Thomas H. | P |
| 77-213 | Greenberg, Marcie | F |
| 77-212 | Greenwood, William Harley | P |
| 77-173 | Hartman, Diane J. | F |
| 77-182 | Holohan, Mark D. | P |
| 77-170 | Hom, Donald D. | P |
| 77-148 | Hyde, Richard M., Jr. | P |

| NO. | NAME | Grade |
|-----------------------------|---------------------------|-------|
| <u>ENGINEER-IN-TRAINING</u> | | |
| 77-184 | Kanovich, Joseph S. | P |
| 77-186 | Klemstine, Barbara A. | F |
| 77-215 | Lang, Michael | P |
| 77-181 | Lester, John S. | P |
| 77-138 | Lewis, Brett A. | P |
| 75-205 | Luebkin, Dennis | F |
| 77-17 | McCabe, Douglas Jay | F |
| 77-167 | McDonald, Jeffery Craig | P |
| 77-189 | McElroy, Robert A., Jr. | P |
| 77-174 | McGlamery, Samuel T. | P |
| 77-144 | Mahoney, Thomas Patrick | P |
| 77-131 | Maldonado, Larry M. | F |
| 77-160 | Maples, Vance H. | P |
| 77-192 | Martin, Andrew Gainor | P |
| 77-211 | Marum, Patrick William | P |
| 77-142 | Morreale, Antonio | F |
| 77-152 | Mudgett, Peter Michael | P |
| 77-194 | Muthart, Fred E. | P |
| 77-164 | Nothaft, Mark W. | P |
| 77-207 | Nuttall, Vincent J. | P |
| 77-155 | Orr, Stephen A. | P |
| 77-132 | Passarelli, Raymond James | F |
| 76-136 | Pearson, J. Michael | P |
| 77-23 | Perez, Joe E. | F |
| 77-198 | Preston, Matthew S. | P |
| 77-214 | Puffer, Mark H. | P |
| 77-205 | Purvis, Quincy D. | F |
| 77-184 | Rodgers, Linda Kaye | F |
| 77-217 | Roleson, Wm. Scott | P |
| 77-161 | Roscoe, Robert W. | P |
| 77-158 | Ross, Pamela J. | F |
| 77-177 | Schmidt, Henry Joseph | P |
| 77-146 | Scott, Bryant C. | P |
| 77-202 | Scott, Laurence E. | P |
| 77-172 | Sears, David M. | F |

| NO. | NAME | Grade |
|-----------------------------|------------------------------|-------|
| ENGINEER-IN-TRAINING | | |
| 77-199 | Seppala, Randy L. | P |
| 77-159 | Serri, Victor Anthony | P |
| 77-203 | Shane, James William | P |
| 77-204 | Shane, Richard Peter | P |
| 77-197 | Sharma, Krishan Kumar | F |
| 73-96 | Shields, Clarence Robert | F |
| 77-196 | Siewert, Dennis Oliver | P |
| 77-183 | Simons, Mark D. | P |
| 77-166 | Smith, Michael Leroy | P |
| 77-130 | Spears, Ralph C. | P |
| 77-191 | Springer, Jeffery Clyde | P |
| 77-188 | Ternak, William Michael, Jr. | P |
| 77-141 | Thomas, Richard G. | P |
| 77-169 | Thomas, Terrance Michael | P |
| 77-168 | Troester, John Francis | P |
| 77-149 | Vail, William R. | P |
| 77-137 | Van Dyke, Richard Lee, II | P |
| 77-133 | Walker, Richard D. | P |
| 77-51 | White, Warren L. | P |
| 77-187 | Wiedeman, Craig Parker | P |
| 77-100 | Wijatyk, Ihor | P |
| 77-156 | Wikander, William Karl | P |
| 77-150 | Wilber, James Elvin | F |
| 77-18 | Young, Timothy John | F |

GEOLOGIST-IN-TRAINING

| | | |
|------|---------------------|---|
| 77-1 | Bales, James Thomas | F |
|------|---------------------|---|

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

03985

APRIL SCHEDULE OF EXAMINATIONS

I. SATURDAY, APRIL 15, 1978

TEMPE, ARIZONA - Report to Room G150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY. Rooms G-224, G-228 and G-236 will also be used on the second floor.

TUCSON, ARIZONA- Report to Room 102, Humanities Building, at the UNIVERSITY OF ARIZONA

8:00 A.M. to 12:00 NOON

All professional engineering applicants Held for Part I, Fundamentals of Engineering.

All professional geology applicants held for Part I, Basic Geology.

All land surveying applicants held for Part I, Surveying Techniques.

All assaying applicants held for Part I, Assaying Examination.

All professional structural engineering applicants held for Part V, Comprehensive Engineering Design.

All E.I.T. and G.I.T. applicants held for Subsection I of the in-training exam.

1:00 P.M. to 5:00 P.M.

All professional engineering applicants held for Part II, Fundamentals of Engineering.

All professional geology applicants held for Part II, Basic Geology.

All land surveying applicants held for Part II, Computations.

All assaying applicants held for Part II, Assaying Examination.

All professional structural engineering applicants held for Part VI, Structural Engineering Design.

All E.I.T. and G.I.T. applicants held for Subsection II of the in-training exam.

II. SUNDAY, APRIL 16, 1978

TEMPE, ARIZONA - Report to Room G-150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY. Rooms G-224, G-228 and G-236 will also be used on the second floor.

TUCSON, ARIZONA- Report to Rooms 301 and 303 of the Civil Engineering Building at the UNIVERSITY OF ARIZONA.

8:00 A.M. to 12:00 NOON

Part III - Engineering Analysis - all branches of engineering.

Part III - Applied Geology.

Part III - Land Surveying Rules and Regulations.

1:00 P.M. to 5:00 P.M.

Part IV - Engineering Design - all branches of engineering.

Part IV - Geological Problems.

Part IV - Land Surveying Legal Principles.

It was moved by Mr. Goodwin and seconded by Mr. Caruso that the following applicants for professional registration having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

| | |
|------------------------------|-------|
| Abe11, James Logan | 11544 |
| Anderson, Steven Clark | 11545 |
| Beier, Terry Grant | 11546 |
| Bern, Ross Hilton | 11547 |
| Call, Dennis Aaron | 11548 |
| Castano, George | 11549 |
| Chow, Shao Li | 11550 |
| Coover, Christopher | 11551 |
| Jensvold, Daniel Martin | 11552 |
| Jones, David Lee | 11553 |
| Kimball, Bruce W. | 11554 |
| Littler, Norman Herbert, Jr. | 11555 |
| MacVittie, Michael | 11556 |
| Martin, Thomas Charles, II | 11557 |
| Rand, Guilford Allen | 11558 |
| Rehfeldt, Richard Philip | 11559 |
| Ripley, Britt Juhlin | 11560 |
| Roberts, James Anson | 11561 |
| Schick, Richard Henry | 11562 |
| Schuman, Stanley Paul | 11563 |
| Sheller, George Fredrick | 11564 |
| Six, Richard S. | 11565 |
| Smales, John Michael | 11566 |
| Solberg, Richard Craig | 11567 |
| Stevens, Michael Evans | 11568 |
| Thompson, Stephen John | 11569 |
| Thomson, David Fisher | 11570 |
| Unti, Harvey George | 11571 |
| Vogt, Kenneth James | 11572 |
| Watkins, David Walter | 11573 |
| Watson, James Richard | 11574 |

CIVIL ENGINEERING

| | |
|----------------------------------|-------|
| Doss, Robert Hull | 11575 |
| Dunn, William Clyde | 11576 |
| Evans, John Austin | 11577 |
| Farney, James Eugene | 11578 |
| Fisher, James Warren | 11579 |
| Goldman, Fred Edward | 11580 |
| Haak, Ralph Donald | 11581 |
| Haws, Wallace Ray | 11582 |
| Heiniger, Gordon Gene | 11583 |
| Imig, Donald P. | 11584 |
| Jenkins, William C. | 11585 |
| Johnson, George Bryan | 11586 |
| Kelly, Timothy Emmet | 11587 |
| King, Fredrick Lewis | 11588 |
| Larson, Scott Marvin | 11589 |
| McLean, Thomas Michael | 11590 |
| Mahnke, Stephen A. | 11591 |
| Matthews, Lawrence Eldridge, Jr. | 11592 |

CIVIL ENGINEERING - Cont'd.

| | |
|-------------------------|-------|
| Miller, Philip Bruce | 11593 |
| Morgan, Raymond Dale | 11594 |
| Nowatzki, Edward A. | 11595 |
| Patel, Mahesh Nagjibhai | 11596 |
| Peterka, Gregory James | 11597 |
| Sands, Thomas Gregory | 11598 |
| Smith, Eugene L. | 11599 |
| Swan, Deidre Ann | 11600 |
| Turner, James Albert | 11601 |
| Wallace, Robert Marvin | 11602 |
| Weeks, David Kendall | 11603 |

ELECTRICAL ENGINEERING

| | |
|---------------------------|-------|
| Bahl, Prem K. | 11604 |
| Barr, Howard Earl | 11605 |
| Bischoff, Stephen Julius | 11606 |
| Fleck, Dennis Maxon | 11607 |
| Johnson, Raymond R. | 11608 |
| Lepley, Thomas C. | 11609 |
| Lind, Keenth Carl | 11610 |
| Llewellyn, Robert Neilson | 11611 |
| Lundgren, Victor John | 11612 |
| Mah, Stanley | 11613 |
| Neal, Syed M. | 11614 |
| Payne, Francis Leland | 11615 |
| Preckshot, George Garrell | 11616 |
| Selby, Herbert R. | 11617 |
| Shelton, David Gordon | 11618 |
| Sierra, Stanley | 11619 |
| Theiss, John Boyd | 11620 |
| Yee, David Moon | 11621 |

GEOLOGICAL ENGINEERING

| | |
|-------------------|-------|
| Maier, Michael M. | 11622 |
|-------------------|-------|

GEOPHYSICAL ENGINEERING

| | |
|------------------------|-------|
| Scheffey, Paul Lincoln | 11623 |
|------------------------|-------|

HIGHWAY ENGINEERING

| | |
|---------------|-------|
| Saban, Johnny | 11624 |
|---------------|-------|

INDUSTRIAL ENGINEERING

| | |
|---------------------|-------|
| Schaal, Ivan Eugene | 11625 |
|---------------------|-------|

MECHANICAL ENGINEERING

| | |
|--------------------------|-------|
| Bachel, Larry Francis | 11626 |
| Boyd, Donald Robert | 11627 |
| Burbine, Norman Henry | 11628 |
| Chilton, Daniel L. | 11629 |
| Christensen, Roger James | 11630 |
| Cromack, John Robert | 11631 |

Continued.....

MECHANICAL ENGINEERING - Cont'd.

| | |
|--------------------------|-------|
| Darmiento, Frank Thomas | 11632 |
| Harp, Lynn Leslie | 11633 |
| Hecht-Nielsen, Robert | 11634 |
| Kunka, Peter | 11635 |
| Menconi, Peter Irish | 11636 |
| Nyman, Bengt Ebbe Harald | 11637 |
| Rihs, Paul William | 11638 |
| Shultz, Robert Allen | 11639 |
| Sisk, Robert Lee, Jr. | 11640 |

MINING ENGINEERING

| | |
|--------------------------|-------|
| Attaway, Michael Patrick | 11641 |
| Marshall, Robert Harlan | 11642 |

SANITARY ENGINEERING

| | |
|-----------------------|-------|
| Clark, George Gregory | 11643 |
|-----------------------|-------|

STRUCTURAL ENGINEERING

| | |
|-----------------------------|-------|
| Dumack, Ralph Coin | 11644 |
| Dunkelberg, Jan Erik | 11645 |
| Haley, William S. | 11646 |
| Holmes, John Forrest | 11647 |
| Scatena, Louis Ronald Peter | 11648 |
| Vogel, Gary Lynn | 11649 |

It was moved by Mr. Goodwin and seconded by Mr. Caruso that the following applicants for in-training registration having satisfactorily completed the written examination be granted in-training registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

| | | | |
|---------------------------|------|----------------------------------|------|
| Alston, Duane Russell | 1861 | Hightower, Richard Anderson, III | 1878 |
| Baker, William Hugh, Jr. | 1862 | Holohan, Mark D. | 1879 |
| Bouley, William Lloyd | 1863 | Hyde, Richard M., Jr. | 1880 |
| Bowler, Edward John | 1864 | Kanovich, Joseph S. | 1881 |
| Bullock, David H. | 1865 | Kreiner, Richard D. | 1882 |
| Carr, John William | 1866 | Lester, John S. | 1883 |
| Covey, James Rager | 1867 | Pearson, J. Michael | 1884 |
| Daemen, Jaak Joseph K. | 1869 | Rowley, Steve | 1885 |
| Drinkwater, David Wayne | 1870 | Servaas, Paul Richard | 1886 |
| Duckworth, Charles Byron | 1871 | Simons, Mark D. | 1887 |
| Franzmeier, Robert W. | 1872 | Thomas, Richard G. | 1888 |
| Galhouse, Stephen L. | 1873 | Troester, John Francis | 1889 |
| Gasper, Jim R. | 1874 | West, Edward Maynard | 1890 |
| Geiser, George James | 1875 | Wiedeman, Craig Parker | 1891 |
| Goff, Thomas H. | 1876 | Wikander, William Karl | 1892 |
| Greenwood, William Harley | 1877 | Windrem, Craig Allen | 1893 |
| Cross, Donald E. | 1868 | | |

ASSAYING

| | |
|------------------------|-------|
| Jacobs, Michael George | 11650 |
|------------------------|-------|

LAND SURVEYING

| | |
|-----------------------------|-------|
| Brown, Kenneth James | 11651 |
| Dyer, Maynard Ray | 11652 |
| Flores, Luis A., Jr. | 11653 |
| Herschbach, Clarence Albert | 11654 |
| Hoffman, Claud Milton | 11655 |
| Kenneron, Jack L. | 11656 |
| Krohn, Karl Newbury | 11657 |
| Nowakowski, Richard John | 11658 |
| Roach, James Christopher | 11659 |
| Young, William Lawson | 11660 |

NEW BUSINESS - Cont'd.

Mr. E. G. Drewry, Executive Director, had submitted a letter of resignation to the Chairman of the Board and Members on January 20, 1978, effective February 25, 1978. It was moved by Mr. Porcarello and seconded by Mr. Earley that Mr. Drewry's letter of resignation be accepted with great regrets. Motion carried.

Chairman Jimenez stated he had contacted two present Board members and one past Board member to serve as a Selection Committee to review the applications and evaluate the candidates for the position of Executive Director. He had approached Patrick H. Porcarello, John B. Trimble and Robert G. Wallace to serve with him on this Selection Committee and they had all consented to serve.

It was moved by Mr. Caruso and seconded by Mr. Gomez that the above Selection Committee be accepted by the Board. Motion carried.

It was moved by Mr. Gomez and seconded by Mr. Earley that the Selection Committee will choose three or more of the best qualified candidates and submit them to the Board with relative merits indicated by ranking. Motion carried.

Mr. Michael Sillyman, Asst. Attorney General, appeared before the Board and introduced Mr. Dave Ronald who will be our representative from the Attorney General's office. He explained that Mr. Ronald had considerable trial experience. Mr. Sillyman commented on the procedure we had been using when an applicant has been denied and the applicant's right to appeal. He stated that the State Board of Accountancy and Physical Therapy Examiners have a similar law as this Board, wherein an applicant may be denied for failure to have experience of a character satisfactory to the Board. Their law had been challenged and the Superior Court rules the term was too vague. The courts could possibly determine our law is unconstitutional and throw out the whole law. He suggested the Board define in their Rules what is experience of a character satisfactory to the Board.

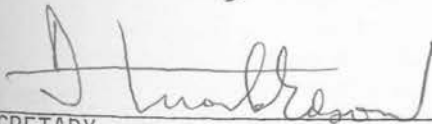
ADJOURNMENT

There being no further business, the Chairman adjourned the meeting at 12:00 P.M.

CHAIRMAN



SECRETARY



MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

MARCH 3, 1978

The meeting of the State Board of Technical Registration was called to order by Dr. R. A. Jimenez, Chairman, in the Robert L. Houston Memorial Conference Room of the Physical Resources Services Building, at the University of Arizona, Tucson, Arizona, Friday, March 3, 1978, at 8:00 A.M.

PRESENT

R. A. Jimenez, Chairman
 Sam Caruso, Vice-Chairman
 F. Mark Edson, Secretary
 Wayne O. Earley
 Rod J. Gomez
 Kemper Goodwin
 Charles E. O'Bannon
 Patrick H. Porcarello
 John B. Trimble
 Dave Ronald, Asst. Atty. Gen.

ABSENTADMINISTRATIVE HEARING

The Chairman announced that the purpose of this hearing was to consider the application of Mr. Gregory Robinson for registration as an architect in the State of Arizona. Mr. Robinson was present and represented by his counsel, Scott Schlievert. Mr. Dave Ronald, Asst. Attorney General, represented the Board.

Dave Erwin was the court reporter from the firm of Bouley, Schlesinger & Di Curti, 187 N. Church, Tucson, Arizona, who took the transcription of the hearing.

After Mr. Robinson had presented to the Board his experience record, under oath, and responded to questions of the various Board members, the Chairman stated that the matter will be taken under advisement, and that the parties are requested to submit their proposed Findings of Fact and Conclusions of Law within 10 days. The decision of the Board will be made within 30 days thereafter at which time a Notice of Public Meeting will be made.

It was moved by Mr. Trimble and seconded by Mr. Edson that the minutes of the special meeting of the Board on February 3, 1978, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE RULES & BY-LAWS COMMITTEE

Mr. Caruso reported that the response to Mr. Louis Sullivan regarding Communication Studies was referred to this committee at the December Board meeting, and it is the opinion of this committee that a communication study does not involve the application of special knowledge in the mathematical, physical, and engineering sciences. Also, it does not require a special engineering education to perform such a service. Therefore, this type of study need not be performed by a registered person. Mr. Caruso explained that before this decision was made by the committee, they had contacted several other registrants for their opinion, and their consensus was that Communication Studies did not require a registrant.

It was moved by Mr. Caruso and seconded by Mr. Porcarello that Mr. Sullivan be advised of the Board's position in this matter. Motion carried.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

Mr. Edson presented the report of the Architectural Evaluation Committee meeting of February 10, 1978, as shown on Minute Pages 3991 and 3992. It was moved by Mr. Edson and seconded by Mr. Porcarello that this report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Edson presented the Schedule for the Architect and Architect-in-Training Qualifying Examination for June, 1978, as shown on Minute Page 3993. It was moved by Mr. Edson and seconded by Mr. Goodwin that this schedule of examinations for Architects and Architects-in-Training be approved as presented. Motion carried.

Mr. Earley presented the report of the Landscape Architectural Evaluation Committee meeting of February 10, 1978, as shown on Minute Page 3994. It was moved by Mr. Earley and seconded by Mr. Goodwin that this report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Letters from Krishan K. Sharma, Mechanical Engineer, File #78-11, requesting reconsideration of the recommendations of the Engineering Evaluation Committee were presented. It was moved by Mr. Gomez and seconded by Mr. Caruso that in consideration of Mr. Sharma's request, his request be denied and that the recommendations of the Engineering Evaluation Committee in his case be accepted. Motion carried.

Letter from Rajinder Singh, Mechanical Engineer, File #77-594, requesting reconsideration of the recommendations of the Engineering Evaluation Committee was presented to the Board. The Board discussed his application as to his previous registration in the United Kingdom and Canada, and his application with the California Board exempting him from the EIT examination. It was also noted that his age was 46. It was moved by Mr. Gomez and seconded by Mr. Caruso that this applicant be granted exemption of Parts 1 and 2 and he be held for Parts 3 and 4 as shown on the Engineering Evaluation Committee Report. Motion carried with one nay by Dr. O'Bannon.

DATE: February 24, 1978

TO: State Board of Technical Registration
 FROM: Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on February 10, 1978, in Phoenix, Arizona, with the following members present:

F. Mark Edson
 Kemper Goodwin

There being a quorum present at all times the committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the committee and satisfied the committee they are fully qualified, including the treatise on seismic forces, to receive architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

| | | | |
|---------------------------|--------|------------------------|--------|
| Ayers, Douglas Tom | 78-39 | Martin, Albert C. | 77-612 |
| Barbarino, John Paul | 77-466 | Merker, Albert Seewald | 77-380 |
| Birkhahn, George John | 77-578 | Nakata, Clifford S. | 77-427 |
| Bridges, Robert J. | 77-581 | Neuberger, Herman | 77-537 |
| Davis, Rodney Secor | 78-25 | Nevins, Robert L. | 77-566 |
| Doriot, C. Frederic | 78-75 | Scheer, Patrick Edward | 77-649 |
| Duplanty, David Roger | 77-656 | Siros, Anthony J., Jr. | 77-577 |
| Frasca, Robert John | 77-613 | Tatman, Bobby Lynn | 77-584 |
| Goldberg, Bertrand | 77-631 | Vermeyen, Charles P. | 77-651 |
| Hawkins, Jasper Stillwell | 78-76 | Winter, Steven | 77-458 |
| Hermann, Frederick Arthur | 78-50 | Zwolensky, Franz | 77-583 |

- II. The following applicants having appeared before the committee, while completing their personal audience interview, need demonstration of additional evidence of their proficiency, A.R.S. 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the June, 1978, and December, 1978, examinations:

| | | |
|-------------------------|--------|---------------------------------|
| Ludwig, Neil Milton | 77-663 | B,C,D,E of Qual. & Professional |
| Rowlands, Russell Dewey | 77-554 | Professional |

- III. The following applicant having been advised twice he was scheduled to appear before the committee and for his failure to do so, the committee recommends he be denied for failure to complete the requirements of the Board within a reasonable length of time:

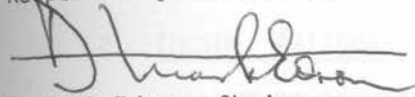
| | |
|----------------|--------|
| Lilien, Arthur | 77-244 |
|----------------|--------|

- IV. The following applicant having been advised twice he was to submit a treatise on seismic forces and for his failure to do so, the committee recommends he be denied for failure to complete the requirements of the Board within a reasonable length of time:

Geiger, William N., Jr. 77-428

The committee recommends to the Board that Recommendations I through IV of this report be accepted and implemented.

Respectfully submitted,



F. Mark Edson, Chairman

FRIDAY, JUNE 12, 1970

7:30 A.M. to 9:30 A.M. - Section A: Architectural Theory
 9:30 A.M. to 12:30 P.M. - Section B: Structural Technology (Reference Material is Permitted)
 12:30 P.M. to 2:30 P.M. - Section C: Materials & Methods of Construction
 2:30 P.M. to 4:30 P.M. - Section D: Environmental Control Systems

WEDNESDAY, JUNE 13, 1970

7:30 A.M. to 7:30 P.M. - Section E: Design - 2 subsections
 E.1 - 1-hr. multiple choice test
 E.2 - 11-hr. graphic solution

(A Design Fact Sheet will be issued and candidates are permitted to bring only to the examination)

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

03993

SCHEDULE OF EXAMINATIONS
FOR
ARCHITECTS AND ARCHITECTS-IN-TRAINING

QUALIFYING EXAM

TWO LOCATIONS:

1. TEMPE, ARIZONA

COLLEGE OF ARCHITECTURE BUILDING, SOUTH OF UNIVERSITY DRIVE ON
FOREST AVENUE, ARIZONA STATE UNIVERSITY

2. TUCSON, ARIZONA

COLLEGE OF ARCHITECTURE BUILDING, SPEEDWAY AND OLIVE STREETS,
UNIVERSITY OF ARIZONA

MONDAY, JUNE 12, 1978

7:30 A.M. to 9:30 A.M. - Section A: Architectural Theory

9:30 A.M. to 12:30 P.M.- Section B: Structural Technology (Reference
Material is Permitted)

12:30 P.M. to 2:30 P.M. - Section C: Materials & Methods of Construction

2:30 P.M. to 4:30 P.M. - Section D: Environmental Control Systems

TUESDAY, JUNE 13, 1978

7:30 A.M. to 7:30 P.M. - Section E: Design - 2 subsections
E.1 - 1-hr. multiple choice test
E.2 - 11-hr. graphic solution

(A Design Fact Sheet will be issued and candidates are permitted to
bring this to the examination)

DATE: February 24, 1978

TO: State Board of Technical Registration
FROM: Landscape Architectural Evaluation Committee
SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on February 10, 1978, in Phoenix, Arizona, with the following members present:

F. Mark Edson
Kemper Goodwin

There being a quorum present at all times the committee reviewed the following applicant and makes to the Board the recommendation shown regarding his professional registration in Arizona:

- I. The following applicant having appeared before the committee and satisfied the committee he is fully qualified to receive landscape architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, is hereby recommended for registration:

Guzzardo, Anthony M. 77-591

The committee recommends to the Board that the above recommendation of this report be accepted and implemented.

Respectfully submitted,

Wayne O. Earley, Chairman

Wayne O. Earley

| | | | |
|----------------------|-------|----------------------|-------|
| ADRIANO, Douglas Tom | 11861 | ADRIANO, Douglas Tom | 11861 |
| ANDERSON, James Paul | 11862 | ANDERSON, James Paul | 11862 |
| ANDREWS, George John | 11863 | ANDREWS, George John | 11863 |
| ANDREWS, Robert J. | 11864 | ANDREWS, Robert J. | 11864 |
| ANDREWS, Robert J. | 11865 | ANDREWS, Robert J. | 11865 |
| ANDREWS, Robert J. | 11866 | ANDREWS, Robert J. | 11866 |
| ANDREWS, Robert J. | 11867 | ANDREWS, Robert J. | 11867 |
| ANDREWS, Robert J. | 11868 | ANDREWS, Robert J. | 11868 |
| ANDREWS, Robert J. | 11869 | ANDREWS, Robert J. | 11869 |
| ANDREWS, Robert J. | 11870 | ANDREWS, Robert J. | 11870 |
| ANDREWS, Robert J. | 11871 | ANDREWS, Robert J. | 11871 |
| ANDREWS, Robert J. | 11872 | ANDREWS, Robert J. | 11872 |
| ANDREWS, Robert J. | 11873 | ANDREWS, Robert J. | 11873 |
| ANDREWS, Robert J. | 11874 | ANDREWS, Robert J. | 11874 |
| ANDREWS, Robert J. | 11875 | ANDREWS, Robert J. | 11875 |
| ANDREWS, Robert J. | 11876 | ANDREWS, Robert J. | 11876 |
| ANDREWS, Robert J. | 11877 | ANDREWS, Robert J. | 11877 |
| ANDREWS, Robert J. | 11878 | ANDREWS, Robert J. | 11878 |
| ANDREWS, Robert J. | 11879 | ANDREWS, Robert J. | 11879 |
| ANDREWS, Robert J. | 11880 | ANDREWS, Robert J. | 11880 |

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES - Cont'd.

Mr. Francisco Baltier, Electrical Engineer, File #77-550, appeared before the Board for the purpose of reviewing the recommendations of the Evaluation Committee. Mr. Baltier explained he had received registration in Texas by education, graduate of University of Texas at El Paso, and experience. He felt in his opinion that being a graduate of an ECPD school satisfied the requirement for the E.I.T. Mr. Gomez explained that this State had exempted graduates of ECPD schools but discovered we were among only 3 or 4 states which did not require the applicant to take the EIT, and a record of the examinations in the past have shown graduates of ECPD did not pass the examination.

It was moved by Mr. Gomez and seconded by Mr. Caruso that the recommendations of the Evaluation Committee be accepted holding Mr. Baltier for Parts 1, 2, 3 and 4. Motion carried.

Mr. Ronald, Asst. Attorney General, stated that as he had advised before these requirements cannot be based on an unwritten policy but should be in the Rules as to why the Board makes their decision.

Mr. Gomez presented the report of the Engineering Evaluation Committee meeting of February 14, 15, 16, and 17, 1978, as shown on Minute Pages 3996, 3997, 3998, 3999, and 4000. It was moved by Mr. Gomez and seconded by Dr. O'Bannon that this report of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

It was moved by Mr. Gomez and seconded by Dr. O'Bannon that the following applicants are to be denied with neither prejudice nor refund at their request. Motion carried.

| | | |
|------------------------|--------|---------------------|
| Kolflat, To Dagfin | 77-453 | Mechanical Engineer |
| Murphy, William J. | 78-26 | Electrical Engineer |
| Needham, Robert Marvin | 77-604 | Civil Engineer |
| Pendell, George W. | 77-477 | Mechanical Engineer |
| Tai, Vincent Tin-Chung | 77-395 | Architect |
| Wesley, Oliver Peter | 77-345 | Civil Engineer |

It was moved by Mr. Gomez and seconded by Mr. Trimble that the following applicants for professional registration having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

| | |
|---------------------------|-------|
| Ayers, Douglas Tom | 11661 |
| Barbarino, John Paul | 11662 |
| Birkhahn, Goerge John | 11663 |
| Bridges, Robert J. | 11664 |
| Davis, Rodney Secor | 11665 |
| Doriot, C. Frederic | 11666 |
| Duplanty, DAvid Roger | 11667 |
| Frasca, Robert John | 11668 |
| Goldberg, Bertrant | 11669 |
| Hawkins, Jasper Stillwell | 11670 |
| Hermann, Frederick Arthur | 11671 |

ARCHITECTURE - Cont'd.

| | |
|------------------------|-------|
| Martin, Albert C. | 11672 |
| Merker, Albert Seewald | 11673 |
| Nakata, Clifford S. | 11674 |
| Neuberger, Herman | 11675 |
| Nevins, Robert L. | 11676 |
| Scheer, Patrick Edward | 11677 |
| Siros, Anthony J., Jr. | 11678 |
| Tatman, Bobby Lynn | 11679 |
| Vermeyen, Charles P. | 11680 |
| Winter, Steven | 11681 |
| Zwolensky, Franz | 11682 |

Continued on Page 4001

DATE: February 24, 1978

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on February 14, 15, 16 & 17, 1978, in Phoenix, Arizona, with the following members present:

| | |
|---------------|-----------------|
| Sam Caruso | C. E. O'Bannon |
| Rod J. Gomez | John B. Trimble |
| R. A. Jimenez | |

There being a quorum present at all times the committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona.

- I. The following applicants having appeared before the committee and satisfied the committee they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

CHEMICAL ENGINEERING

| | |
|------------------------------|--------|
| Goodner, Charles Grover, Jr. | 77-544 |
|------------------------------|--------|

CIVIL ENGINEERING

| | |
|-------------------------------|--------|
| Anderson, Roger P. | 77-518 |
| Block, Allan John | 77-574 |
| Calocerinos, Emanuel James | 77-542 |
| Desai, Narendra L. | 78-5 |
| Dolecki, Stanley | 77-543 |
| Grebe, Edward Andrew | 77-570 |
| Halsey, James Frederic | 77-521 |
| Hawkins, Richard J. | 77-602 |
| Hirth, Walter Francis | 77-637 |
| Horst, Timothy Lee | 77-572 |
| Hovelsrud, Herman Julian | 77-657 |
| Janick, Joseph William | 77-502 |
| Kimball, William T. | 78-51 |
| Klimek, Thomas James | 77-596 |
| Knoblock, George Charles, Jr. | 77-557 |
| McDaniel, Robert Eugene | 77-658 |
| McGovern, Thomas Patrick | 77-607 |
| McRae, Cyril Malcolm | 77-558 |
| Makarechian, A. Hassan | 78-19 |
| Mann, Thomas Townsend, Jr. | 77-559 |
| Manthei, James Michael | 77-659 |
| Neumeister, Robert Alfred | 77-358 |
| Pai, Isaac Chee-Yee | 77-626 |
| Parker, Barry Gale | 77-622 |
| Peterson, William Albert | 77-468 |
| Raymond, Gerald B. | 77-627 |
| Schloemer, Robert E. | 77-605 |
| Selbe, Rexford Leland | 77-599 |
| Siath, John Carmen | 77-606 |
| Sinclair, Benito A. | 77-569 |

CIVIL ENGINEERING - Cont'd.

| | |
|-------------------------|--------|
| Tillitt, James Cooper | 77-435 |
| Trumbauer, Barry Elwood | 77-568 |
| Vasileff, Vasil | 77-586 |

ELECTRICAL ENGINEERING

| | |
|---------------------------|--------|
| Abhyanker, Vasant Laxman | 77-476 |
| Baltz, James Oscar | 77-654 |
| Chen, Charles Kun-Huang | 78-23 |
| Cooley, Donald Lee | 77-618 |
| Durboraw, I. Newton, Jr. | 77-324 |
| Flowers, James Berton | 77-647 |
| Knight, Alton Eugene, Jr. | 77-609 |
| Nusbaum, Wellman Edward | 77-575 |
| Pearson, Donald Stuart | 75-547 |

INDUSTRIAL ENGINEERING

| | |
|------------------|--------|
| Flood, Joseph L. | 77-506 |
| Stein, Jack | 77-665 |

MECHANICAL ENGINEERING

| | |
|--------------------------------|--------|
| Baker, Richard Leith | 77-593 |
| Booth, Norman Topping, Jr. | 77-567 |
| Cabrera, Victor Paul | 77-563 |
| Compton, Joseph Eugene | 77-426 |
| Crawford, Philip Dale | 77-628 |
| Eichin, Harry Paul | 77-582 |
| Grubb, Thomas Ellman | 78-22 |
| Hammond, Jon Ludlow | 77-640 |
| Jeric, Marc Zdravko | 77-576 |
| Lal, Ishwar | 77-639 |
| Lubenow, Chester A. | 78-15 |
| Scoutten, Woodrow Charles, Jr. | 77-553 |
| Stubstad, William Rae | 77-588 |
| Wood, Gerald L. | 77-617 |

Continued.....

I. Continued

METALLURGICAL ENGINEERING

Senior, Franklin C. 77-560

SANITARY ENGINEERING

Homack, Peter 77-374

STRUCTURAL ENGINEERING

Grebe, Edward Andrew 77-571

Hammond, David Joseph 77-533

Mason, Earl Edison 77-520

LAND SURVEYING

Billington, Pete 77-440

McVey, Phillip B. 77-624

Showalter, William Richard 77-603

South, Robert Orren 77-517

- II. The following applicants having appeared before the committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, A.R.S. 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the April, 1978, examinations:CIVIL ENGINEERING

Babcock, Joseph Andrew 77-556 Parts 1, 2, 3 and 4

Baker, William Hugh, Jr. 77-620 Parts 3 and 4

Berry, James Earl 77-595 Parts 3 and 4

Kory, Raymond Edward 77-600 Parts 3 and 4

Lester, John Stewart 78-31 Parts 3 and 4

McCreary, Dennis James 77-601 Parts 3 and 4

Meinhardt, Robert Gerald 77-621 Parts 3 and 4

Paavola, Michael Eugene 78-6 Parts 3 and 4

Rosness, Martin Henry 77-646 Parts 3 and 4

Rothberg, Melvin B. 77-110 Parts 1, 2, 3 and 4

Sriben, Sid 77-511 Parts 3 and 4

Sumner, John Stewart 77-625 Parts 3 and 4

Techapinyawat, Sompote 77-623 Parts 3 and 4

Wiedeman, Craig Parker 78-20 Parts 3 and 4

Young, Benny Joe 78-33 Parts 3 and 4

ELECTRICAL ENGINEERING

Baltier, Francisco Vicente L. 77-550 Parts 1, 2, 3 and 4

Barrow, John Talmage, Jr. 78-21 Parts 3 and 4

Carlton, Bruce Frederick 77-243 Parts 3 and 4

Garringer, Hal Leslie, Jr. 77-589 Parts 1, 2, 3 and 4

Hartig, Richard Nicholas 77-530 Parts 3 and 4

Krueger, Alan John 77-562 Parts 1, 2, 3 and 4

Kuivila, Richard Paul 77-629 Parts 3 and 4

London, John Martin 77-648 Parts 3 and 4

McGlothlin, Gerald Edward 77-615 Parts 1, 2, 3 and 4

Moen, Dennis Milton 77-614 Parts 3 and 4

Pinter, Duane Leo 77-592 Parts 1, 2, 3 and 4

Slick, David Peter 78-41 Parts 3 and 4

Taylor, Dale Wayne 78-2 Parts 1, 2, 3 and 4

HIGHWAY ENGINEERING

Hopkins, Louie Baus 77-619 Parts 1, 2, 3 and 4

Ross, Thomas John 77-643 Parts 3 and 4

Continued.....

II. Continued.....

INDUSTRIAL ENGINEERING

| | | |
|----------------------|--------|---------------|
| Bailey, James Edward | 77-635 | Parts 3 and 4 |
|----------------------|--------|---------------|

MECHANICAL ENGINEERING

| | | |
|-------------------------------|--------|---------------------|
| Brevick, Lonnie Lee | 77-590 | Parts 3 and 4 |
| Drummond, David Thomas | 77-655 | Parts 1, 2, 3 and 4 |
| Ghan, Robert James | 77-630 | Parts 3 and 4 |
| Hero, John Richard, Jr. | 77-549 | Parts 1, 2, 3 and 4 |
| Laine, Roger Alan | 77-642 | Parts 1, 2, 3 and 4 |
| Quill, Joseph Stephen, Jr. | 78-14 | Parts 3 and 4 |
| Roberts, Timothy Ainslie | 78-49 | Parts 1, 2, 3 and 4 |
| Sharma, Krishan Kumar | 78-11 | Parts 1, 2, 3 and 4 |
| Schwartz, Steven Douglas | 78-10 | Parts 3 and 4 |
| Shonerd, Wesley A. | 77-660 | Parts 3 and 4 |
| Singh, Rajinder | 77-594 | Parts 3 and 4 |
| Thornberry, Harold Louis, Jr. | 77-641 | Parts 1, 2, 3 and 4 |

SANITARY ENGINEERING

| | | |
|----------------------------|--------|---------------------|
| Willis, Brayton Perry, Jr. | 77-573 | Parts 1, 2, 3 and 4 |
|----------------------------|--------|---------------------|

STRUCTURAL ENGINEERING

| | | |
|-----------------------|--------|---------------|
| Stevens, Alexander M. | 78-8 | Parts 5 and 6 |
| Weingart, Daniel | 78-9 | Parts 5 and 6 |
| Willer, Myron A. | 77-597 | Parts 5 and 6 |

LAND SURVEYING

| | | |
|-----------------------------|--------|---------------------|
| Brugger, Norman Dale | 77-634 | Parts 3 and 4 |
| Cook, Richard Dennis | 77-638 | Parts 1, 2, 3 and 4 |
| Evans, Roy Lee | 77-608 | Parts 1, 2, 3 and 4 |
| Gingles, William James, Sr. | 77-598 | Parts 1, 2, 3 and 4 |
| Stone, Dale Wayne | 77-645 | Parts 1, 2, 3 and 4 |

GEOLOGY

| | | |
|----------------------|--------|---------------|
| Turek, Frank Stanley | 77-561 | Parts 3 and 4 |
|----------------------|--------|---------------|

Applicant held for the November, 1978, examinations:

CIVIL ENGINEERING

| | | |
|---------------------|--------|---------------------|
| Hope, Ronald Joseph | 77-297 | Parts 1, 2, 3 and 4 |
|---------------------|--------|---------------------|

III. The following applicants appeared before the committee and the evaluation of their applications determined that they should be denied for lack of experience of a character satisfactory to the Board under A.R.S. 32-122.A, with the refund as shown:

| | | | |
|---------------------------|--------|---------------------|---------|
| Bonelli, Curtis W. | 77-616 | Mechanical Engineer | \$10.00 |
| Glenn, Robert A. | 77-587 | Civil Engineer | \$10.00 |
| Partlow, Charles Nicholas | 78-7 | Civil Engineer | \$10.00 |
| Weeks, Thomas H. | 77-636 | Civil Engineer | \$10.00 |

- IV. The following applicants having been advised twice they were scheduled to appear before the committee and for their failure to do so, the committee recommends they be denied for failure to complete the requirements of the Board within a reasonable length of time:

| | | |
|--------------------|--------|---------------------|
| Alber, Jerry Wayne | 77-492 | Electrical Engineer |
| Lohse, Uwe | 77-41 | Electrical Engineer |

- V. The Engineering Examination Committee reviewed the results of the land surveying examinations given in November, 1977, as shown below, and recommends to the Board these examination results be certified:

| NO. | NAME | Part I | Part II | Part III | Part IV | Passed |
|----------------|------------------------|-----------|------------|-------------|------------|--------|
| LAND SURVEYING | | | | | | |
| 77-290 | Alcocer, Richard | P | P | F | F | 1,2 |
| *75-234 | Allison, Nathaniel T. | P | P | P | P | 2 |
| 76-26 | Andrews, Jeffrey L. | P | F | P | P | 1 |
| 77-349 | Barbee, William F. | P | F | F | F | 1 |
| 74-419 | Bowlin, Gerald Ray | P | P | F | F | 1 |
| 76-304 | Burns, Robert D. | P | P | F | F | 1 |
| 77-315 | Carne, James L., Jr. | P | P | F | F | 1,2 |
| 76-65 | Courtney, John E. | P | P | F | F | 1,2 |
| 77-257 | Dryden, Charles W. | Ex | Ex | P | F | 3 |
| 72-653 | Engle, Thomas E. | P | P | F | F | |
| 71-148 | Garcia, Ernest G. | F | P | F | P | |
| 74-181 | Gardiner, Theodore E. | P | F | F | F | |
| 76-268 | Hall, James Joseph | P | F | DNA | DNA | 1 |
| *76-568 | Hersey, Samuel S., Jr. | P | P | P | P | 3,4 |
| 76-47 | Horacek, Jerry Lee | F | F | F | F | |
| *76-522 | Huscher, David S. | P | P | P | P | 1 |
| 76-34 | Kehart, Richard W. | P | P | F | F | |
| *76-572 | McLaughlin, David S. | P | P | P | P | 4 |
| *75-113 | Mecham, Floyd J. | P | P | P | P | 1 |
| 77-293 | Murrey, David H. | P | F | F | F | 1 |
| 77-109 | Muth, James Edward | F | F | F | F | |
| 75-194 | Myers, Harry LeRoy | P | P | F | P | 4 |
| 77-331 | Myers, Terry Lon | P | P | F | F | 1,2 |
| 74-297 | Payton, Donald W. | F | F | F | F | |
| *75-581 | Penland, Russell R. | P | P | P | P | 4 |

Continued.....

| NO. | NAME | Part I | Part II | Part III | Part IV | Passed |
|---------------------------------|----------------------|--------|---------|----------|---------|--------|
| <u>LAND SURVEYING - Cont'd.</u> | | | | | | |
| 71-281 | Pidskalny, Robert A. | P | F | F | F | 1 |
| 74-37 | Potts, Robert C. | Ex | Ex | P | F | |
| 77-12 | Prescott, Steven R. | P | P | F | F | 2 |
| 77-226 | Rice, George W. | P | F | F | F | 1 |
| 77-57 | Robberson, Allen G. | P | F | F | F | 1 |
| 77-23 | Short, John E. | P | P | P | F | 1,3 |
| 72-628 | Smith, Romain H. | P | P | F | F | 1 |
| 75-327 | Sticht, Brian G. | P | F | P | P | 4 |
| *76-115 | Stoll, Ronald E. | P | P | P | P | 4 |
| 76-194 | Thornhill, James D. | P | P | F | F | 1 |
| 69-77 | Torres, Alfonso | P | F | P | F | |
| 77-119 | Whitmer, Larry Kay | F | F | F | F | |
| 76-237 | Wight, Dan Lynn | P | P | F | F | 1,2 |

The committee recommends to the Board that Recommendations I through V of this report be accepted and implemented.

Respectfully submitted,

Rod J. Gomez
 Rod J. Gomez, Chairman

MUNICIPAL ENGINEERING
 [Faded list of names and numbers]

INDUSTRIAL ENGINEERING
 [Faded list of names and numbers]

LANDSCAPE ARCHITECTURE
 [Faded list of names and numbers]

LAND SURVEYING
 [Faded list of names and numbers]

CHEMICAL ENGINEERING

Goodner, Charles Grover, Jr. 11683

CIVIL ENGINEERING

Anderson, Roger P. 11684

Block, Allan John 11685

Calocerinos, Emanuel James 11686

Desai, Narendra L. 11687

Dolecki, Stanley 11688

Grebe, Edward Andrew 11689

Halsey, James Frederic 11690

Hawkins, Richard J. 11691

Hirth, Walter Francis 11692

Horst, Timothy Lee 11693

Hovelsrud, Herman Julian 11694

Janick, Joseph William 11695

Kimball, William T. 11696

Klimek, Thomas James 11697

Knoblock, George Charles, Jr. 11698

McDaniel, Robert Eugene 11699

McGovern, Thomas Patrick 11700

McRae, Cyril Malcolm 11701

Makarechian, A. Hassan 11702

Mann, Thomas Townsend, Jr. 11703

Mathei, James Michael 11704

Neumeister, Robert Alfred 11705

Pai, Isaac Chee-Yee 11706

Parker, Barry Gale 11707

Peterson, William Albert 11708

Raymond, Gerald B. 11709

Schloemer, Robert E. 11710

Selbe, Rexford Leland 11711

Siath, John Carmen 11712

Sinclair, Benito A. 11713

Tillitt, James Cooper 11714

Trumbauer, Barry Elwood 11715

Vasileff, Vasil 11716

ELECTRICAL ENGINEERING

Abhyanker, Vasant Laxman 11717

Baltz, James Oscar 11718

Chen, Charles Kun-Huang 11719

Cooley, Donald Lee 11720

Durboraw, I. Newton, Jr. 11721

Flowers, James Berton 11722

Knight, Alton Eugene, Jr. 11723

Nusbaum, Wellman Edward 11724

Pearson, Donald Stuart 11725

INDUSTRIAL ENGINEERING

Flood, Joseph L. 11726

Stein, Jack 11727

MECHANICAL ENGINEERING

Baker, Richard Leith 11728

Booth, Norman Topping, Jr. 11729

Cabrera, Victor Raul 11730

Compton, Joseph Eugene 11731

Crawford, Philip Dale 11732

Eichin, Harry Paul 11733

Grubb, Thomas Ellman 11734

Hammond, Jon Ludlow 11735

Jeric, Marc Zdravko 11736

Lal, Ishwar 11737

Lubenow, Chester A. 11738

Scoutten, Woodrow Charles, Jr. 11739

Stubstad, William Rae 11740

Wood, Gerald L. 11741

METALLURGICAL ENGINEERING

Senior, Franklin C. 11742

SANITARY ENGINEERING

Homack, Peter 11743

STRUCTURAL ENGINEERING

Grebe, Edward Andrew 11744

Hammond, David Joseph 11745

Mason, Earl Edison 11746

LANDSCAPE ARCHITECTURE

Guzzardo, Anthony M. 11747

LAND SURVEYING

Allison, Nathaniel Thompson 11748

Billington, Pete 11749

Hersey, Samuel Story, Jr. 11750

Huscher, David Scott 11751

McLaughlin, David Steven 11752

McVey, Phillip B. 11753

Mecham, Floyd Joseph 11754

Penland, Russell Reid, Jr. 11755

Showalter, William Richard 11756

South, Robert Orren 11757

Stoll, Ronald Edward 11758

It was moved by Mr. Gomez and seconded by Mr. Edson that the following applicants for in-training registration having satisfactorily completed the written examination be granted in-training registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

| | | | |
|------------------------|------|-------------------------|------|
| Anderson, Damann L. | 1894 | Goodwin, John L. | 1898 |
| Buchli, David John | 1902 | McElroy, Robert A., Jr. | 1905 |
| Buss, Robert Fredrick | 1895 | Nothaft, Mark W. | 1899 |
| Bussell, Thomas Scott | 1903 | Shane, James William | 1900 |
| Conder, Michael W. | 1904 | White, Warren L. | 1906 |
| Darlington, Douglas K. | 1896 | Wijatyk, Ihor | 1901 |
| Despain, Ronald A. | 1897 | | |

REPORT OF THE PUBLIC INFORMATION COMMITTEE

No report.

REPORT OF THE BUDGET COMMITTEE

No report.

REPORT OF THE EXECUTIVE DIRECTOR

At the December, 1977, meeting, the Board instructed that a cost figure be obtained for printing the Annual Report with three types of lists: numerical, alphabetical, and alphabetical by discipline.

The successful bid for the report this year without the alphabetical listing by discipline was \$7,250.76. A quotation of \$4,706.25 has been obtained from the printer for the additional listing, making a total of \$11,957 for printing.

The Board also instructed the Executive Director to obtain a printout of a list alphabetically by discipline which can be obtained for a cost not to exceed \$500.00. A quotation has been received from Data Processing for \$439.00 to develop and implement a program, plus a charge of \$75.00 to supply one complete file printout, thereby exceeding the \$500 figure.

The Cash Flow Report is shown on Minute Page 4003. The 1977-1978 Budget figures are shown beside each item, the difference being the amount available for stated purposes until the end of the fiscal year.

Mr. Goodwin commented on the Out-of-State travel funds wherein the Board had approved travel for all three members of the Architect committee to attend their Western Conference meeting of NCARB and the Department of Administration had permitted only one man to go. He further explained that this type of meeting is probably one of the most important meetings as to future operations of the Board and will affect this Board later. Mr. Edson concurred that we needed more than one in attendance for continuity.

The Executive Director reported that the Senate Appropriation Committee was having a meeting on March 20, 1978, at 1:45 P.M. to discuss our budget.

CASH FLOW REPORT - MARCH 1, 1978

04003

Balance on Deposit as of July 1, 1977 - \$119,917.02

Balance on Deposit as of Report Date - \$213,471.53

Total Allocated Receipts to Technical Fund as of Report Date - \$93,554.51

Technical Fund Balance as of Report Date - \$130,438.80

LUMP SUM APPROPRIATED \$160,800.00

| <u>Expenditures</u> | <u>Amount To Date</u> | <u>Budget 1977-1978</u> |
|---|-----------------------|-------------------------|
| Personal Services | \$36,914.83 | \$57,400 |
| Employee Related Costs | 5,530.01 | 10,900 |
| Travel - In State | 2,165.90 | 4,300 |
| Travel - Out of State | 2,556.50 | 3,300 |
| Data Processing | 863.73 | 2,600 |
| Professional Services | 1,378.05 | 44,800 |
| Office Rent & Meeting Rooms | 4,293.50 | 8,400 |
| Office Supplies, Maint., Express & Adv. | 3,874.66 | 13,900 |
| Microfilm | 187.49 | 200 |
| Insurance | 300.00 | 300 |
| Dues | 2,332.00 | 3,200 |
| Postage | 3,997.50 | 7,000 |
| Telephone | 1,255.55 | 2,300 |
| Xerox | 425.25 | 900 |
| Revolving Fund | 50.00 | |
| Refunds | <u>328.50</u> | |
| TOTAL SPENT TO DATE | \$66,453.47 | |
| Balance of Appropriated Monies | | \$ 94,346.53 |

REPORT OF THE EXECUTIVE DIRECTOR - Cont'd.

It was moved by Mr. Goodwin and seconded by Mr. Edson that the Executive Director through the legislative process request the Out-of-State Travel be increased to \$5,000 for this coming year and that this is to come from some other line item that the Executive Director feels appropriate. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Caruso that the Executive Director appeal to the Department of Administration to review our request in view that we have other funds in our present budget for at least one additional person to go to the Western Conference meeting but the funds are not to exceed \$5,000 this year. Motion carried.

Regarding the quotation by Data Processing, it was moved by Mr. Goodwin and seconded by Mr. Earley that we secure a printout of the disciplines, alphabetically, at the prices quoted and one printout for our files which is to come out of the funds for Data Processing. Motion carried.

READING OF COMMUNICATIONS

Letter from Jack Greene, Electrical Engineer, File #77-407, requesting reconsideration of the Board's action at the December Board meeting was presented, and it was moved by Mr. Gomez and seconded by Mr. Caruso that the decision of the Board be upheld. Motion carried.

Letter from Louis D. Rainery, Civil Engineer, File #77-399, requesting reconsideration of the Board's action at the December Board meeting was presented, and it was moved by Dr. O'Bannon and seconded by Mr. Trimble that his request be denied and uphold the Board's decision for Mr. Rainery to take Parts 3 and 4 of the examination. Motion carried.

Letter from Lynn A. Winkler, Jr., Land Surveyor, File #77-31, requesting reconsideration of the Board's action at the December Board meeting was presented, and it was moved by Mr. Gomez and seconded by Mr. Porcarello that Mr. Winkler's request be approved and that he be rescheduled for the next examination in April. Motion carried. It was noted that this reinstatement of his application was based on his mail not being forwarded to his new address.

Letter from Najmuddin Ahmed, Electrical Engineer, File #75-403, requesting reconsideration of the Board's action at the December Board meeting, was presented, and it was moved by Mr. Caruso and seconded by Mr. Gomez that Mr. Ahmed's application be reinstated and he be rescheduled for the examination in November, per his request. Motion carried.

Letter from Richard R. Brennan, attorney for Charles K. Kapuvary, Architect, File #77-183, whose application was denied at this request at the September 9, 1977, Board meeting, was presented. Mr. Edson stated that this is a matter of procedure and at the Western Conference meeting he would inquire of the representative from NCARB what their policy is on foreign experience. It was moved by Mr. Edson and seconded by Mr. Porcarello that Mr. Brennan's letter be held in abeyance and his request be considered at the next Board meeting. Motion carried.

Continued.....

READING OF COMMUNICATIONS - Cont'd.

Letter from Randall Nile Yearwood, Architect #77-580, requesting a "hold" status on his application was presented, and it was moved by Mr. Goodwin and seconded by Mr. Porcarello to advise Mr. Yearwood there is no provision by which we can hold an application and as stated previously by the Board office, the submittal of his treatise on seismic forces must be received by April 17 or his application will be denied as he has received one extension previously. Motion carried.

Letters from Richard J. Heggen, lapsed E.I.T., requesting an extension of his E.I.T., were presented, and it was moved by Mr. Earley and seconded by Mr. Caruso his E.I.T. registration be reinstated. Motion carried.

Letter from Robert C. Robison, Architect, requesting exemption from History and Theory of Architecture, was presented, and it was moved by Mr. Porcarello and seconded by Mr. Edson that in view of the fact that he is not a graduate of an accredited college of architecture, his petition be denied. Motion carried.

Letter from Anthony P. Cosentino, Architect, requesting reconsideration of his failed Professional examination, was presented, and it was moved by Mr. Edson and seconded by Mr. Porcarllo since the candidate has the right to appeal the certification of his grade, the Executive Director advise him he will be scheduled at the next regular meeting of the Board. Motion carried.

Letter from Tillie Dong, Architect, requesting review of the examination results of the Professional examination, was presented. It was moved by Mr. Goodwin and seconded by Mr. Porcarello that her letter be referred to the Examination Committee for review and she will be notified of their results. Motion carried.

Letter from Joseph T. Colosa, Architect, requesting reconsideration of his failing grade of the Professional examination, was presented, and it was moved by Mr. Edson and seconded by Dr. O'Bannon the Board grant his request and schedule him to appear before the Board in June. Motion carried.

Letter from James Chen, Civil Engineer, requesting reconsideration of his failing grade of the November exams and granting him registration, was presented. It was moved by Mr. Gomez and seconded by Dr. O'Bannon that he be informed the Board had considered and re-examined his failing grades, but in order to become registered as a professional engineer, he will have to make a grade of 70 as stated in the Rules. Motion carried.

Letter from M. Glynn Cooper, Engineer-in-Training, requesting re-evaluation of his E.I.T. grades and permit him to take Parts 3 and 4 of the Electrical Engineering examination, was presented. It was moved by Dr. O'Bannon and seconded by Mr. Porcarello that Mr. Cooper be informed that they will hear his request at the next meeting of the Board in June. Motion carried.

Continued.....

READING OF COMMUNICATIONS - Cont'd.

Letter from Howard M. Cooper, requesting reconsideration of Board action for Mechanical Engineer #75-546, Part 3 examination, was presented. It was moved by Mr. Gomez and seconded by Mr. Trimble that the Executive Director communicate with him, acknowledging receipt of his letter of February 20 and that the Board understands his request is he be granted review of his failing examination grade for Part 3 and be considered for registration, but the Board does not have the authority to pass him on his failing grade and his request is denied. Motion carried.

Letter from Edward B. Sawyer, Jr., President, Central Chapter, AIA, regarding non-registrant activities and the Maricopa County's Dept. of Building Safety involvement together with a letter from Raymond A. Johnson, Dir., Maricopa County Dept. of Building Safety, were presented. It was moved by Mr. Goodwin and seconded by Mr. Trimble that the Executive Director advise Mr. Sawyer the Board goes on record as confirming that multi-family, common wall, duplexes, townhouses, apartments and condominiums where these buildings exceed the statutory limit of \$50,000 require the seal of a registrant, with a carbon copy to Mr. Johnson. Motion carried.

Letter from Jerry Cannon, President, Structural Engineers Association of Arizona, regarding the requirements for structural engineers, was presented as shown on Minute Page 4007. Mr. Cannon was present and stated that when he became registered in Arizona as a Civil Engineer and Structural Engineer, he took the 16-hour Civil Engineering exam and the 8-hour Structural Engineer exam to obtain his registration in Arizona. When he went to California, they required an additional 8-hour structural engineering exam, and the examination covered the same as the one taken in Arizona at that time. He personally felt this was penalizing Arizona registrants. He appealed to the Board for some arrangement with California regarding the structural examinations. Mr. Roger Turk was present and stated that in California you had to be a Civil Engineer for three years prior to being eligible for the Structural examination and you were granted registration with the authority to use the title of Structural Engineer. Washington is the only other state which requires an additional 16 hours written examination in structural engineering in an agreement with California for a total of 32 hours. After discussion with the Board members, it was moved by Mr. Trimble and seconded by Mr. Gomez this matter be remanded for further investigation to the Engineering Evaluation and Examination Committee. Motion carried.

Letter from Craig Walling, Pres., Arizona Society of Architects, AIA, regarding the legal counsel from the Attorney General's office, was presented. Chairman Jimenez directed that the Executive Director respond the Board acknowledges receipt of his letter and it has been noted. As stated before, the Chairman felt any individual member is encouraged to promote any type of legislature. He was unaware of any complaints having not been handled, but because of lack of publicity, the public may not be aware of the business concluded by the Board. Chairman Jimenez suggested for the next Chairman of the Board to appoint a definite Public Information Committee to cover all the aspects of our work. He stated any of our Cease and Desist letters are public information.



04007

STRUCTURAL ENGINEERS ASSOCIATION OF ARIZONA

PHONE: (602) 266-4926

3625 NORTH 16TH STREET

PHOENIX, ARIZONA 85016

WILLIAM A. SAWYER
EXECUTIVE SECRETARY

2950 North Country Club
Tucson, Arizona 85716

February 16, 1978

State Board of Technical Registration
1645 West Jefferson, Suite 315
Phoenix, Arizona 85007

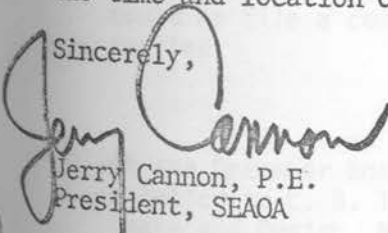
Gentlemen:

The Structural Engineers Association of Arizona requests that the State Board of Technical Registration make the necessary changes in the requirements for registration of Structural Engineers in Arizona so as to provide greater conformity in the regulation requirements for Structural Engineers in the western United States. The Board of Trustees of the Structural Engineers Association feels that this type of change in the rules and regulations is necessary at this time for the following reasons:

1. Presently Arizona structural engineering registrants who do work on a continuing basis in other western states, such as California, are required to take a full sixteen hour structural examination in order to obtain structural registration. This places an undue and unnecessary hardship on the Arizona registrant. We feel that by making appropriate changes in the rules and regulations that Arizona registrants would be able to obtain structural registration without additional examinations.
2. With the continued rapid growth of the urbanized areas of Arizona, Structural Engineers are required to perform increasingly more complex engineering assignments. In providing their engineering services and in performing their role of providing for the safety, health and welfare of the public, we feel that the registration requirements should be upgraded.

The Board of Trustees of SEAOA request that this matter be taken under consideration at your next meeting, March 3, 1978, in Tucson. Please advise me as to the time and location of this meeting. Thank you.

Sincerely,


Jerry Cannon, P.E.
President, SEAOA

JC:kl

cc: Rod Gomez
Sam Caruso
Claude Baker
Tony Schwan

READING OF COMMUNICATIONS - Cont'd.

Letter from Henry Haws regarding fee limitations was presented and the Board directed he be advised this is not within the jurisdiction of this Board as advised by their legal counsel.

Letter from Joseph R. Troxler regarding Broadcast and Energy Engineering was presented. The Chairman directed the Executive Director to write to these two companies calling their attention to A.R.S. 32-145.

Letter from Louis C. Sullivan regarding Energy and Solar Energy Consultants was presented as shown on Minute Page 4009. In discussion of this letter, the Board sees where there may be a need for registration in this field in the future as engineering principles are involved, and that work in this areas should be practiced by electrical or mechanical engineers. They felt there is nothing wrong with using the term Solar Energy Consultants. The Chairman suggested the whole Board consider it and take it up at the next regular meeting of the Board.

Letters from Al Stratton, Oregon State Board of Geologist Examiners, requesting copies of our geological examinatinis, and from Shirley Holzhauser, Missouri Board, requesting copies of our geological engineering examinations were presented. It was moved by Mr. Edson and seconded by Dr. O'Bannon that the Executive Director respond to these letters that based on confidentiality and repeatability of these examinations, the Board will not release them. Motion carried.

Letter from William J. Ekstrom, Jr., Mohave County Attorney's Office, as a result of our letter regarding recordation of surveys not being within the jurisdiction of our law after receipt of his formal complaint against Herb Shipley, was presented. It was moved by Mr. Gomez and seconded by Mr. Edson that this Board have the Engineering Evaluation Committee look into this matter whether the Board's action was proper. Motion carried.

Letter from Edward M. Hall regarding Mr. Trujillo's letter was presented and the Board acknowledged its receipt and was noted.

Letter of Complaint from Gene E. Anderson regarding Dr. Gordon Lehman was presented. It was moved by Mr. Trimble and seconded by Mr. Caruso the Executive Director write to Mr. Anderson, acknowledging receipt of his letter and indicate to him in view of the hearing of the Planning and Zoning Commission matter, they are not sure what Dr. Lehman was truly about and could he file a complaint against Dr. Lehman with further evidence. Motion carried.

UNFINISHED BUSINESS

At the December Board meeting, the Executive Director was instructed to send a letter to L. B. Taylor, Sierra Testing and Engineering, of a Notice to Cease and Desist. Mr. Taylor had not replied as requested by January 13, 1978. The Board noted we have to establish whether he is still in "practice." It was moved by Mr. Trimble and seconded by Mr. Caruso that the matter be turned over to the County Attorney, investigate if he is still in violation and if so, proceed with an injunction. Motion carried.

Letter from Sam Tucker, regarding the above matter was presented and it was so noted by the Board.



SULLIVAN & MASSON CONSULTING ENGINEERS
725 WEST McDOWELL ROAD — PHOENIX, ARIZONA 85007 — 602-257-8525

04009
RECEIVED

STATE BOARD TECHNICAL REGISTRATION

LOUIS C. SULLIVAN
MILTON M. MASSON
ROBERT D. CURLEY
DALE D. HARMAN
ROBERT W. JOHNSON

January 4, 1978

Mr. Edward G. Drewry
Executive Director
State Board of Technical Registration
1645 West Jefferson
Phoenix, Arizona 85007

Dear Mr. Drewry:

I am writing this letter to bring to you, and the Boards' attention, a potential problem that is beginning to occur in a small way; however, my main concern is that it may become much larger in the future. This problem is that of certain "Energy Consultant" and "Solar Energy Consultants" professing to be experts in these respective fields. On several occasions in the past year (1977), I have encountered individuals who are not qualified to practice in these areas of engineering. I consider these areas to be engineering in that they both involve engineering mechanics, such as; thermodynamics, heat transfer, fluid mechanics and power distribution.

I would like for the Board to review these two areas to determine if registration requirements are necessary by either an electrical or mechanical engineer in order to practice this type of consulting.

This request should not be construed to be an attempt to limit competition since many mechanical and electrical engineers exist and are qualified. However, it is an attempt to curtail unqualified individuals who have had no formal training, or, who have not proven that they qualify by registration from selling themselves to the public as being qualified.

With solar energy interest slowly increasing and the federal government and state of Arizona becoming more interested in energy conservation it should be recognized that unqualified persons may take advantage of this need and exploit the public.

Sincerely,

Louis C. Sullivan, P.E.
President

LCS:ss

UNFINISHED BUSINESS - Cont'd.

At the December Board meeting, a letter from William A. Sawyer, regarding A.R.S. 32-141, was discussed, and he was advised it would be taken under consideration by the Board. A letter from William A. Sawyer since that meeting was presented as shown on Minute Page 4011. The Executive Director read the Attorney General's opinion to W. T. Hamlyn, dated January 19, 1961, regarding interpretation of A.R.S. 32-141. It was moved by Mr. Gomez and seconded by Mr. Trimble that the Executive Director be instructed to respond to Mr. Sawyer's letter and ensure to him the Board interprets this statute and concurs with the Attorney General of the way he has so interpreted it; include copies of the opinions from the Attorney General to Mr. Sawyer. Motion carried, opposed Wayne Earley.

At the September 10, 1976, Board meeting, the Board requested an opinion from the Attorney General as shown on Minute Pages 4012 through 4018. The Executive Director indicated that when this opinion was requested, the interest was not covered as under the present law which goes into the General Fund.

At the December Board meeting, a new problem 18 for the personal audience examination was referred to the Engineering Evaluation Committee for report at this meeting. Mr. Gomez, Mr. Trimble and Dr. Jimenez each presented a new problem. Mr. Goodwin suggested since they were all very good that possibly we use all three making it a 22-question examination or substituting other present problems. It was the consensus of the Board that it be studied further and action be taken at the next Board meeting.

NEW BUSINESS

Formal complaint from Max Haechler against Designlab, Inc., Duane Hyatt and A. Pulsipher, was presented. It was moved by Mr. Goodwin and seconded by Mr. Gomez that the Executive Director send a copy of the complaint to the architect and ask him to respond to the complaint's charges by Mr. Max Haechler. Motion carried. It was directed that Mr. Haechler be advised what the Board has done.

It was moved by Mr. Edson and seconded by Mr. Earley that the matter of satisfactory experience as advised by the Assistant Attorney General's opinion be referred to the Rules and By-Laws Committee for discussion and consideration, and report to the Board at a later time. Motion carried.

It was moved by Mr. Earley and seconded by Mr. Trimble that any appeals for a hearing before the Board give a written statement of grounds for this request be referred to the Rules and By-Laws Committee. Motion carried.

Because of the number of appeals and costs for a court reporter, it was moved by Mr. Trimble and seconded by Dr. O'Bannon that at every appeals hearing the Executive Director be authorized to purchase a tape recorder for recording such appeals. Motion carried.



arizona consulting
engineers association

04011

625 NORTH 16th STREET

SUITE 108

PHOENIX, ARIZONA 85016

PHONES: (602) 266-4926 - 279-0168

January 30, 1978

Dr. Rudolph A. Jimenez
Chairman, State Board of Technical Registration
Civil Engineering Department
University of Arizona
Tucson, Arizona 85721

Dear Dr. Jimenez:

The Arizona Consulting Engineers Association has taken the position that a firm or corporation may engage in the practice of any or all of the professions and disciplines within the professions licensed by the State Board of Technical Registration if a resident principal of the firm or resident officer of the corporation is registered in any one of the disciplines of any one of the professions licensed by the Board, provided the professional work is performed by, or under the supervision of, and is signed and sealed by an employee (not necessarily a principal or an officer) who is registered in the discipline in the profession in which services are provided.

This position is based on the Association's interpretation of ARS 32-141. A precedent for this interpretation appears to be in the Board's Rule 4-30-43C which apparently allows branch offices of Arizona firms to provide professional services with the requirement only that each office have in it a registrant.

If the Board agrees with the ACEA position, we would appreciate confirmation. If not, we request clarification by the Board of the issue involved.

Sincerely,

William A. Sawyer
Executive Director

cc: Edward G. Drewry, Executive Director



DEPARTMENT OF LAW
OFFICE OF THE
Attorney General
STATE CAPITOL
Phoenix, Arizona 85007

04012

BRUCE E. BABBITT
ATTORNEY GENERAL

December 7, 1977

Mr. Edward G. Drewry
Executive Director
State Board of Technical
Registration
1645 West Jefferson
Phoenix, Arizona 85007

Re: 77- 230 (R76-465) and
(R76-502)

Dear Mr. Drewry:

This letter is in response to your request for an opinion to the following question:

Should interest earnings on funds deposited with the State Treasurer pursuant to A.R.S. § 32-109 be credited to the Technical Registration Fund or to the State General Fund?

According to A.R.S. § 32-109.A:

[t]he secretary shall transmit to the state treasurer all fees or other revenues received by the board. The treasurer shall place ten percent thereof in the general fund to assist in defraying the cost of maintaining the state government and shall place the remainder in a separate fund known as the technical registration fund, to be used only in defraying expenses of the board and in prosecuting violations of this chapter.

Statutory provision is made for the handling of monies received or held by the state in Title 35, Chapter 2, Article 2, Arizona Revised Statutes. A.R.S. § 32-321 defines the following pertinent terms:

In this article unless the context otherwise requires:

* * *

2. "State monies" means all monies in the treasury of the state or coming lawfully into the possession or custody of the state treasurer.

3. "Subdivision monies" means all monies in the treasury of a subdivision or coming lawfully into the possession or custody of the treasurer.

4. "Public monies" includes state monies or subdivision monies, or both.

5. "Public deposit" means public monies deposited in a designated depository pursuant to the provisions of this article.

Monies coming lawfully into the possession or custody of the state treasurer constitute "state monies" which term is included within the term "public monies". "Public monies" which are deposited in designated depositories pursuant to law are, in turn, "public deposits". The State Board of Deposits is authorized to award deposits of public monies to qualifying financial institutions. See A.R.S. § 35-325.08. Interest on "public deposits" is apportioned in accordance with A.R.S. § 35-325.20, which reads as follows:

A. Interest realized on subdivision monies included within a public deposit which are collected for individual tax funds or other similar funds shall, be apportioned pro rata among such funds except for accounts otherwise invested as provided by any law applicable to such a fund.

B. All other interest realized on any public deposits not otherwise apportioned by law shall be credited to the general fund of the state or subdivision making the deposit.

C. In the manner provided in this article, the governing body of any sub-division or of any agency, department, board or commission of the state or of any sub-division may, by the annual adoption of a resolution of continuing effect, authorize the treasurer to invest funds collected for such a body.

It appears from the foregoing that the fees and other revenues of the State Board of Technical Registration in the state treasury are "state monies" as that term is defined. As such any interest realized on said monies would be credited, in accordance with the provisions of A.R.S. § 35-325.20, to the general fund of the state unless the interest were otherwise apportioned by law.¹ No statute specifically provides for apportionment of interest earned on funds deposited by the Board of Technical Registration with the State Treasurer. Therefore, unless a statute or the circumstances present here should be construed under case law to require the crediting of interest to the Technical Registration Fund, such interest must be credited to the general fund.

We recently answered a similar question. Op. Atty. Gen. No. 76-130 dealt with monies received by the Department of Health Services and deposited with the State Treasurer as donations which that Department by statute was authorized to receive from private donors and expend for services to crippled children. We concluded that

[i]n legal contemplation, private donations to the State for the support of state activities create charitable trusts with the recipient agency acting as a fiduciary.

After describing such donations as "custodial funds", the opinion went on to apply the reasoning of the Supreme Court

1. Perhaps an argument could be made that the phrase "not otherwise apportioned by law" modifies the term "public deposit" in A.R.S. § 35-325.20 and that the Technical Registration Fund, being a public deposit "apportioned by law", is thereby entitled to be credited with interest earned on the Fund. We think it more likely, however, that the Legislature in A.R.S. § 35-325.20 had in mind the apportioning of interest rather than the apportioning of public deposits.

in Navajo Tribe v. Arizona Department of Administration, 111 Ariz. 279, 528 P.2d 623 (1975), which had considered the applicability of state statutes related to the handling of custodial funds on deposit in the State treasury. The funds in question in Navajo Tribe were from a purely federal source and were intended for a specific funding purpose and as such were held not to be state monies and, therefore, not subject to the appropriative power of the Arizona Legislature. Navajo Tribe determined that the

Payment of funds into the state treasury does not necessarily vest the state with title to those funds. Ross v. Gross, 300 Ky. 337, 188 S.W.2d 475 (1945). Only monies raised by the operation of some general law become public funds. Cyr & Evans Contracting Co. v. Graham, 2 Ariz.App. 196, 407 P.2d 385 (1965). Custodial funds are not state monies. MacManus v. Love, 499 P.2d 609 (Colo. 1972). The term "public funds" refers to funds belonging to the state and does not apply to funds for the benefit of contributors for which the state is a mere custodian or conduit. Pensioners Protective Assn. v. Davis, 112 Colo. 535, 150 P.2d 974 (1944). . . . 111 Ariz. at 280, 281, 528 P.2d at 624, 625.

The definition of custodial funds gleaned from the court's opinion would seem to indicate that custodial funds are characterized by the following traits:

1. they are monies other than those raised by the operation of a general law;
2. they are monies other than state monies;
3. they are funds for the benefit of contributors for which the state is a mere custodian or conduit.

Mr. Edward G. Drewry

5.

December 7, 1977

Based on that definition and the facts presented in Op. Atty. Gen.No. 76-130 it was determined that the monies donated by private benefactors for the benefit of Crippled Children's Services beneficiaries were "custodial funds". As such they were defined as "contributions" within the meaning of A.R.S. § 35-149, which provides in part:

A. Every department, institution, board or commission receiving private funds or contributions available for its support or for the purpose of defraying expenses or work done under its direction or other receipts which may be subject to refund or return to the sender or receipts which have not yet accrued to the state, shall in depositing such monies with the state treasurer as provided in this chapter, certify to the division of finance:

1. The source from which such funds were received.
2. The terms and conditions under which, and the purpose for which they were received.
3. The names of the trustees or administrators of the funds or contributions.
4. The name of the person authorized to approve expenditures from each fund.

It was then concluded that the

interest income derived from the investment of private funds donated to the State for the benefit of Crippled Children's Services' programs and their beneficiaries should be credited to the special donation accounts in the State Treasury rather than to the general fund of the State.

Op.Atty.Gen. No. 76-130.

In reaching that conclusion, Op.Atty.Gen.No. 76-130 reasoned that the monies in question were not raised by the operation of general law, but, rather, were private donations;

that the monies were for the benefit of the contributors for which the state was a mere custodian; and that the monies may have been subject to refund or return to the sender. (See Navajo Tribe v. Arizona Department of Administration, 111 Ariz. 279, 528 P.2d 623 (1975); A.R.S. § 35-149; and A.R.S. § 35-321).

Under A.R.S. § 35-141, the term general fund is defined as consisting of

all money received into the state treasury except money designated by law for other statutory funds or other specifically designated purposes.

Funds which are received for and belong to the state are to be paid into the state treasury and credited to the general fund, A.R.S. § 35-142, except that, under A.R.S. § 35-142.A.6,

[m]onies designated by law as special state funds shall not be considered a part of the general fund. Unless otherwise prescribed by law, the state treasurer shall be the custodian of all such funds.

A.R.S. § 35-142.A.6

The monies presently in question have been raised, pursuant to law, from members of the professions of architecture, assaying, engineering, geology, landscape architecture, and land surveying. These monies have been received by the Board of Technical Registration and transmitted to the state treasurer who has placed 10% of such in the general fund of the State and 90% in a separate fund known as the technical registration fund. That fund is to be used only in defraying the expenses of administering the Technical Registration Act. A.R.S. § 32-109.A. Thus, it would appear that the funds denoted as the technical registration funds are monies designated by law as special state funds and the state treasurer is the custodian of said funds.

As "custodial funds" the monies held by the state treasurer should fit the definitions prescribed by the court in Navajo Tribe as well as that described in Op. Atty. Gen. No. 76-130. However, they do not fit into those definitions. The monies in those situations were not "state monies" even

Mr. Edward G. Drewry

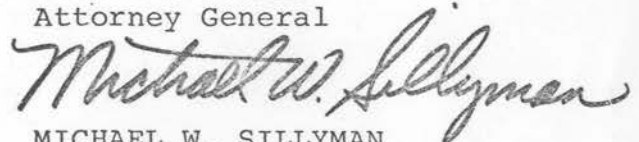
7.

December 7, 1977

though the statutory definition of "state monies" includes monies only in the "custody of the State treasurer". A.R.S. § 35-321. The "custodial funds" in Navajo Tribe were federal funds and "not subject to the appropriative power of the Legislature", Navajo Tribe, 111 Ariz. at 281, 528 P.2d at 625; they were not monies raised by the operation of a general law; and they were for the benefit of the contributor for which the state was a mere custodian or conduit. The monies held by the Department of Health Services in Op.Atty.Gen. No. 76-130 were donations from private donors; they were not raised by the operation of a general law; and they were contributions as defined in A.R.S. § 35-149.

The funds held in the technical registration fund, although perhaps labeled "custodial funds" pursuant to A.R.S. § 35-142.A.6, are not "custodial funds" in the sense that term was used in either Navajo Tribe or Op.Atty.Gen. No. 76-130. The technical registration fund monies in the instant situation are state monies; they are not private donations but have been raised by the operation of a general law for the purpose of providing for the safety, health and welfare of the public, Arizona Revised Statutes Title 32, Chapter 1; they are not subject to refund or return to the sender as are contributions under A.R.S. § 35-149.A; and they are "public monies", as well as "public deposits" as those terms are defined in A.R.S. § 35-321. Accordingly, the interest earned on funds deposited with the State Treasurer pursuant to A.R.S. § 32-109 must be credited to the general fund as required by A.R.S. § 35-325.20.

Sincerely,

BRUCE E. BABBITT
Attorney GeneralMICHAEL W. SILLYMAN
Assistant
Attorney General

MWS:ls

Copy to The Honorable Bartlett S. Fleming, Treasurer
State of Arizona
Capitol Building, West Wing
Phoenix, Arizona 85007

NEW BUSINESS - Cont'd.

It was moved by Mr. Edson and seconded by Mr. Earley that the engineering members be authorized to attend the annual meeting of the Western Zone, National Council of Engineering Examiners, May 8-9, 1978, in Las Vegas, Nevada. Motion carried.

The Board approved the following meeting dates:

March 31, 1978 - Engineering Examination Committee to review exams to be given April 15-16, 1978

May 11-12, 1978 - Architectural & Landscape Architectural Evaluation Committee

May 16, 17, 18 & 19, 1978 - Engineering Evaluation Committee

June 16, 1978 - Regular meeting of the Board

It was moved by Mr. Porcarello and seconded by Dr. O'Bannon that the June Board meeting be held in Flagstaff if the budget for State Travel is sufficient. Motion carried.

By unanimous resolution, the out-of-town Board members expressed their thanks to the Tucson contingency for the dinner and cocktails on Thursday evening.

The Board also thanked Mr. Ronald for his all day attendance at this meeting and for his guidance and assistance in their deliberations.

ADJOURNMENT

The Chairman adjourned the meeting at 3:30 P.M.

B.A. Jimenez
CHAIRMAN

D. H. Johnson
SECRETARY

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

MARCH 23, 1978

A special meeting of the State Board of Technical Registration was called to order by Dr. R. A. Jimenez, Chairman, in Room 315, 1645 West Jefferson, Phoenix, Arizona, Thursday, March 23, 1978, at 10:00 A.M.

PRESENT

R. A. Jimenez, Chairman
Sam Caruso, Vice-Chairman
F. Mark Edson, Secretary
Wayne O. Earley
Rod J. Gomez
Kemper Goodwin
Charles E. O'Bannon
Patrick H. Porcarello
John B. Trimble

ABSENT

The Chairman noted that there was quorum present and the Board would go into Executive Session to discuss the topic of the Executive Director. The Board will then reopen the meeting to finalize the decision of the Executive Director. Mr. Edson excused himself from the Executive Session because of the discussion of the Selection Committee's report on the Executive Director's position.

It was moved by Dr. O'Bannon and seconded by Mr. Gomez that Mr. Earle M. Cassidy be appointed as Executive Director of the State Board of Technical Registration. Motion carried.

It was moved by Dr. O'Bannon and seconded by Mr. Porcarello that the pay scale for the new Executive Director would be at the rate of Grade 22, Step 4 (\$24,374 annually). Motion carried.

It was moved by Dr. O'Bannon and seconded by Mr. Earley that as a member of the Board to thank the Selection Committee for the work they put into this screening as it was a difficult and time-consuming job and extend the Board's vote of confidence for their performance. Motion carried.

NEW BUSINESS

Mr. Gomez, Chairman of the Engineering Examination Committee, inquired of the members if they wished to have their review meeting on this date or hold the meeting on March 31, 1978, as scheduled. It was the consensus of the members to hold the meeting on March 31, 1978.

Mr. Edson, Chairman, of the Architectural Examination Committee, advised that the Schedule of the Architectural Examinations for June, had been changed to be in conformance nationally of giving the Design examination on June 14 and will be given on Tuesday, June 13, 1978, and Wednesday, June 14, 1978.

NEW BUSINESS

It was moved by Mr. Edson and seconded by Mr. Porcarello that the Chairman of the Landscape Architectural Committee be authorized to attend the Western Region meeting of the Council of Landscape Architectural Registration Boards in Reno, Nevada, April 22, 1978. Motion carried.

The Executive Director reported he had attended the meeting of the Senate Committee on appropriations for the 1978-1979 budget and they had approved the \$162,300 which the Board requested and recommended a lump sum budget. He noted that if the Board requests more than one member to travel out of State, it will probably be approved if a letter of explanation accompanies the travel request.

Mr. Goodwin reported that at the regional meeting it was determined the grading would again be done in California after the June examinations and the national office would reimburse the graders for expenses.

It was moved by Dr. O'Bannon and seconded by Mr. Trimble that the Board expressed their appreciation for the past services of the last 16 years of Joyce Smith and accepted her resignation with regrets and respectfully requested that she remain as a special consultant commencing April 8 after her effective date of resignation for a period of two weeks at the maximum rate allotted of \$1,000 as a consultant for the State. Motion carried.

Chairman Jimenez presented to Mr. Edward Drewry a plaque for appreciation of his services as Executive Director from 1971 to 1978 which was a letter in brass, signed by all the Board members and bearing the Arizona seal. Mr. Drewry expressed his gratitude for the plaque.

ADJOURNMENT

There being no further business, the Chairman adjourned the meeting at 1:00 P.M.



CHAIRMAN



SECRETARY

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

JUNE 16, 1978

The meeting of the State Board of Technical Registration was called to order by Dr. R. A. Jimenez, Chairman, in Room 200 of the Commerce Building, 1601 West Jefferson, Phoenix, Arizona on Friday, June 16, 1978 at 9:07 AM.

PRESENT

R. A. Jimenez, Chairman
Sam Caruso, Vice-Chairman
F. Mark Edson, Secretary
Wayne O. Earley
Rod J. Gomez
Kemper Goodwin
Charles E. O'Bannon
Patrick H. Porcarello
John B. Trimble

It was moved by Mr. Trimble and seconded by Mr. Porcarello that the minutes of the regular meeting of the Board on March 3, 1978 be approved as presented. Motion carried.

It was moved by Mr. Edson and seconded by Mr. Trimble that the minutes of the special meeting of the Board on March 23, 1978 be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

Mr. Caruso reported that the committee has had no meeting. He reported that he had received comments from Mr. Edson regarding the two questions that had been referred to the Committee, but he solicited comments from the other Board members regarding the two questions, namely:

- A. The Attorney General's Office has requested that the Board define what is considered satisfactory experience.
- B. A person who appeals for a hearing must submit a written statement of grounds for a hearing.

A recommendation was made by Mr. Edson that the Committee consider changing the election of officers from June to September so that new appointees would be considered.

REPORT OF THE LEGISLATIVE COMMITTEE

Mr. Goodwin reported that the Committee has had no meeting. He will obtain copies of the "Sunset Law" and make them available to the Board.

Mr. Bill Sawyer briefly discussed H.B. 2097 with the Board, outlining the three provisions affecting professionals.

REPORT OF THE EVALUATION AND EXAMINATION COMMITTEESArchitectural Committee Report

Cosentino, Anthony P. 77-339, Architect, appeared before the Board to request the waiver of the four points he missed on his examination. His appeal was based on his extensive experience and supervision.

A motion was made by Mr. Edson and seconded by Mr. Porcarello that the certification of Mr. Cosentino's grade be upheld. Motion passed.

Colosa, Joseph T., 77-528, Architect, appeared before the Board to request a waiver of his failing grade. He read a petition in support of his appeal.

Mr. Goodwin made a motion that Mr. Colosa's request be tabled until the September meeting to enable the Committee members to review the allegations made in Mr. Colosa's appeal. The motion was seconded by Mr. Edson. Motion passed, with one no vote by Mr. Porcarello.

Mr. Goodwin then moved that in view of this motion, Mr. Cosentino's request also be reviewed by the Committee along with Mr. Colosa's and that the previous motion concerning Mr. Cosentino's request be rescinded. The motion was seconded by Mr. Porcarello. Motion passed, opposed by Mr. Caruso.

Mr. Edson presented the applicants recommended for registration under Item I of the Architectural Evaluation Committee report and the applicants recommended to be held for written exams listed under Item 2 of the Architectural Evaluation Committee report (Minute Page 4033) Mr. Edson moved that the recommendations of the report be accepted and implemented by the Board. Motion was seconded by Mr. Goodwin. Motion passed.

Mr. Edson then presented to the Board the other items of business considered by the Architectural Evaluation Committee as shown on Minute Page 4034. It was moved by Mr. Edson and seconded by Mr. Goodwin that this report be approved. Motion carried.

Landscape Architectural Committee Report

Mr. Earley invited the Engineering members of the Board to attend the Landscape Architectural Committee meetings.

Mr. Earley presented the report of the Landscape Evaluation Committee meeting held May 12, 1978 shown as Minute Page 4035 to the Board. It was moved by Mr. Earley and seconded by Mr. Porcarello that the report be accepted and implemented. Motion passed.

Engineering Evaluation Committee Report

Cooper, Marvin Glynn, 74-127, E.I.T., appeared to request that the Board grant him permission to take Parts 3 and 4 of the Electrical examination. Mr. Gomez moved that Mr. Cooper's examination grades be upheld and that his request be denied. Mr. O'Bannon seconded the motion. Motion passed. The Board recommended that Mr. Cooper apply for professional registration rather than E.I.T.

Freeman, Gilbert N., 69-198, Geologist, appeared to request that the Board waive the requirement that he take Part 3 or grant him an extension to November 1978. It was moved by Dr. O'Bannon and seconded by Mr. Gomez that Mr. Freeman be granted an extension to November to take Part 3 of the Geology exam. Motion passed.

Boucher, Herman G., 78-64, Mechanical Engineer and 78-65, Chemical Engineer, requested that the Board reconsider the Engineering Evaluation Committee's recommendation that he be held for Parts 3 and 4 of the examination. Mr. Gomez made a motion that the recommendation of the Engineering Evaluation Committee be upheld and that Mr. Boucher be held for Parts 3 and 4 of the examination. The motion was seconded by Dr. O'Bannon. Motion passed.

Mr. Gomez presented the list of applicants as shown in the Engineering Evaluation Committee report under Item 1, Page 4036 of the Minutes and made a motion that these applicants be granted registration. The motion was seconded by Mr. Trimble. Motion passed.

Item 2 of the Engineering Evaluation Committee report was then presented to the Board by Mr. Gomez. He moved that the name of Herman G. Boucher be added to the list and that these individuals be held for examinations in November as indicated. Dr. O'Bannon seconded the motion; motion passed. Minute Page 4037.

Mr. Gomez moved that the applicants shown on Minute Page 4038, Item 3 of the Engineering Evaluation Committee Report be denied for lack of experience and be given a refund as shown. Dr. O'Bannon seconded the motion. Motion passed.

Mr. Gomez made a motion that Item 4 of the Engineering Evaluation Committee report, Minute Page 4038 be implemented, denying registration to Mr. Jeffrey McDonald for failure to complete the requirements of the Board. Mr. Trimble seconded his motion. Motion passed.

Mr. Gomez moved that Mr. Lawrence A. Buxton's grade be reaffirmed and that he be granted an extension to take Part 4 of the examination in April 1980. Dr. O'Bannon seconded the motion. Motion passed.

The Engineering Evaluation Committee referred the matter of a replacement for Question 18 of the Code and By-Laws Exam to the full Board.

Mr. Gomez reported that R. A. Jimenez will attend the NCEE 1978 Annual Meeting to be held August 6-9, 1978 in Louisville, Kentucky. If it is convenient, Earle M. Cassidy or John B. Trimble will also attend.

It was moved by Mr. Trimble and seconded by Dr. O'Bannon that the following applicants are to be denied for failure to comply with the Examination Rules, R-4-30-13,E. Motion carried.

| | | | |
|-----------------------------------|-------------------|--------------------------------|---|
| Anderson, Charles M. | 77-410 | Geologist | |
| Armenta, Jose Luis | 77-165 | Engineer-in-Training | |
| Bertella, Guido Joseph | 70-58 | Civil Engineer | * |
| Broussard, M. Roy | 76-473 | Mechanical Engineer | |
| Callow, Thomas Edwin | 77-271 | Civil Engineer | |
| Campbell, William | 75-185 | Electrical Engineer | * |
| Christopher, Robert Erroll | 77-119 | Engineer-in-Training | |
| Cooper, Howard M. | 75-546 | Mechanical Engineer | |
| Crawford, Darlene | 77-208 | Engineer-in-Training | |
| Davis, Douglas Charles | 77-92 | Engineer-in-Training | |
| Davis, Otto | 77-417 | Civil Engineer | |
| DeLuca, Rocco G. | 73-320 | Electrical Engineer | |
| Dieckhoff, Michael Clifford | 78-129 | Engineer-in-Training | |
| Dohmen, Diana T. | 77-147 | Engineer-in-Training | |
| Greenberg, Marcie | 77-213 | Engineer-in-Training | |
| Hinshaw, Britt | 78-127 | Engineer-in-Training | |
| Hopkins, Louie Baus | 77-619 | Highway Engineer | |
| King, Richard J., Jr. | 76-72 | Electrical Engineer | |
| Klemstine, Barbara A. | 77-186 | Engineer-in-Training | |
| Koski, Michael Lyle | 77-61 | Civil Engineer | |
| Lefler, Lyle Gene | 77-546 | Civil Engineer | |
| Lipps, Donald Alfred | 77-376 | Highway Engineer | |
| Locke, James Donald | 73-352 | Structural Engineer | |
| Maack, Ralph Walter | 77-491 | Civil Engineer | |
| McCabe, Douglas Jay | 77-17 | Engineer-in-Training | |
| McDonald, Timothy Alan | 77-30 | Engineer-in-Training | |
| Purvis, Quincy D. | 77-205 | Engineer-in-Training | |
| Rodgers, Linda Kaye | 77-184 | Engineer-in-Training | |
| Ross, Pamela J. | 77-158 | Engineer-in-Training | |
| Rothberg, Melvin B. | 77-110 | Civil Engineer | |
| Sears, David M. | 77-172 | Engineer-in-Training | |
| Sharma, Krishan Kumar | 78-11 | Mechanical Engineer | |
| Shields, Clarence Robert | 73-96 | Engineer-in-Training | |
| Small, Gary G. | 76-32 | Geologist | |
| Wilber, James Elvin | 77-150 | Engineer-in-Training | |
| Young, Timothy John | 77-18 | Engineer-in-Training | |
| Zagona, Edith Ann | 78-120 | Engineer-in-Training | |

It was moved by Dr. O'Bannon and seconded by Mr. Trimble that the following applicants are to be denied with neither prejudice nor refund at their request. Motion carried.

| | | |
|--------------------------|--------|-----------------------|
| Franklin, George William | 78-228 | Architect |
| Pearson, J. Michael | 78-42 | Electrical Engineer |
| Sharma, Krishan Kumar | 77-197 | Engineer-in-Training |
| Sumner, John Stewart | 77-625 | Civil Engineer |
| Visca, Paul Joseph | 78-160 | Geological Engineer |
| Hansen, David G. | 78-29 | Architect-in-Training |

* See Minute Page 4043.

It was moved by Mr. Edson and seconded by Mr. Earley that the following applicants for professional registration having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion passed.

ARCHITECTURE

| | |
|----------------------------|-------|
| Acuna, Augustine Guillermo | 11759 |
| Aja, Gilbert D. | 11760 |
| Alexander, Kenneth Arthur | 11761 |
| Allyn, Richard Blaine | 11762 |
| Bachert, Kurt Jacob | 11763 |
| Brout, Robert Benedict | 11764 |
| Chiodini, Louis G. | 11765 |
| Engler, Richard Leo | 11766 |
| Huston, Bruce Carlyle | 11767 |
| Jackson, Jerome D. | 11768 |
| Johnson, Ed Jordan | 11769 |
| Keltner, Benjamin R. | 11770 |
| Lagopoulos, Basil Simon | 11771 |
| Martin, David Charles | 11772 |
| Mullen, Robert E. | 11773 |
| Oeming, David F. | 11774 |
| Oringdulph, Robert Eugene | 11775 |
| Ortega, Rudolph Rafael | 11776 |
| Parker, George Edward, Jr. | 11777 |
| Perata, Albert Anthony | 11778 |
| Smith, James J. | 11779 |
| Zimmerman, Gary Vincent | 11780 |
| * Robinson, Gregory James | 11847 |

CHEMICAL ENGINEERING

| | |
|--------------------|-------|
| Boucher, Herman G. | 11781 |
|--------------------|-------|

CIVIL ENGINEERING

| | |
|----------------------------|-------|
| Biondolillo, Louis Philip | 11782 |
| Calvillo, Clement Nemece | 11783 |
| Chan, George Ka Cheung | 11784 |
| Cronk, Gene Edward | 11785 |
| Day, Richard O. | 11786 |
| Denmark, Clifford Theodore | 11787 |
| Gage, Leanos Monroe | 11788 |
| Galek, Albert H. | 11789 |
| Glover, William Arthur | 11790 |
| Gruby, Michael Bert | 11791 |
| Johnson, Thomas Dunavan | 11792 |
| Johnson, William John III | 11793 |
| Kelly, Vincent Kevin | 11794 |
| Kindred, Thomas Glenn | 11795 |
| Knechtel, Winston E., Jr. | 11796 |
| Levy, Albert M. | 11797 |
| Lewis, Gunter Henry | 11798 |
| Lewis, James Walter | 11799 |

CIVIL ENGINEERING (Continued)

| | |
|------------------------------|-------|
| Lipira, Robert Joseph | 11800 |
| Lokre, Anirudha Balwant | 11801 |
| McCaleb, Neal A. | 11802 |
| Myers, Larry Alan | 11803 |
| Neff, Daniel Hansen | 11804 |
| Odean, Barry L. | 11805 |
| Olson, Clarence Oliver | 11806 |
| Owen, Michael Charles Ronald | 11807 |
| Pavlovich, Raymond D. | 11808 |
| Puzauskas, John S., Jr. | 11809 |
| Rice, Steven Michael | 11810 |
| Robbins, John Arthur | 11811 |
| Ryan, William Lee | 11812 |
| Spencer, Ralph Howard | 11813 |
| Stedman, Scott Arthur | 11814 |
| Stokes, Gerald Guy, Jr. | 11815 |
| Strangio, William | 11816 |
| Taylor, Harvey Walter | 11817 |

ELECTRICAL ENGINEERING

| | |
|--------------------------------|-------|
| Ainscough, Arthur | 11818 |
| Andes, Charles B. | 11819 |
| Belden, Jerry Lee | 11820 |
| Geyman, David Joseph | 11821 |
| Given, Sherman K. | 11822 |
| Goldberg, Jack | 11823 |
| Mancini, Frank Peter | 11824 |
| Mason, Thomas Lee | 11825 |
| Mutschler, William Henry, Jr. | 11826 |
| Schneider, Norbert | 11827 |
| Sharbutt, David Edward | 11828 |
| Sterling, Edward Canfield, III | 11829 |
| Tang, Wilson Pui-Yan | 11830 |

MECHANICAL ENGINEERING

| | |
|----------------------------|-------|
| Ashcraft, William Camden | 11831 |
| Braun, Robert H. | 11832 |
| Chittenden, William Arthur | 11833 |
| Hoffman, Sidney | 11834 |
| Leung, Richard L. | 11835 |
| Little, Edwin Jackson | 11836 |
| Malik, Gulshan Kumar | 11837 |
| Okajima, Toshio | 11838 |

* See Minute Page 4030

Continued...

STRUCTURAL ENGINEERING

| | | |
|---|------------------|---|
| Loftfield, James R. | 11839 | |
| Milstein, Bernard | 11840 | |
| Narasimhan, Anantanarayanan, | 11841 | * |
| Krishnaswamy | | |

LANDSCAPE ARCHITECTURE

| | |
|------------------------|-------|
| Olson, Clarence Oliver | 11842 |
|------------------------|-------|

LAND SURVEYING

| | |
|--------------------------|-------|
| Ballard, James T. | 11843 |
| del Castillo, Ruel | 11844 |
| Eichelberger, Lloyd Lane | 11845 |
| Kingston, Howard Glenn | 11846 |

It was moved by Mr. Gomez and seconded by Mr. Trimble that the following applicants for in-training registration having satisfactorily completed the written examination be granted in-training registration and assigned the in-training registration numbers as indicated. Motion carried.

| | |
|-------------------------|------|
| Barr, Joseph Brant | 1907 |
| Brack, John Douglas | 1908 |
| Cooley, David J. | 1909 |
| Coolidge, Thomas H. | 1910 |
| Gabbay, Michael Jason | 1911 |
| Hoppe, Richard B. | 1912 |
| Johnson, Arthur L., III | 1913 |
| McGlamery, Samuel T. | 1914 |
| Preston, Matthew S. | 1915 |
| Scott, Laurence E. | 1916 |
| Shane, Richard Peter | 1917 |
| Singh, Manjit | 1918 |
| Spears, Ralph C. | 1919 |
| Springer, Jeffery Clyde | 1920 |
| Valentine, Thomas R. | 1921 |
| Walker, Richard D. | 1922 |
| Zigterman, Tom W. | 1923 |
| Cook, Robert Louis | 1924 |
| Branz, Steven A. | 1925 |
| Cullinane, Douglas G. | 1926 |
| Haire, Raymond Glenn | 1927 |
| Mudgett, Peter Michael | 1928 |

* See Minute Page 4043

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Edson reported that he had held a seminar for twenty-one candidates for registration to help them understand the problems of the examinations and some changes that might be made.

Mr. Trimble reported that Mr. Gomez, Dr. Jimenez and he had been invited to the Arizona Structural Engineering Society meeting which was held in Tucson several weeks ago to be on a panel discussion of information regarding registration.

The Chairman asked Mr. Caruso to develop guidelines for the Executive Director to use in publicizing the activities of the Board. The Chairman asked that these guidelines be circulated amongst the Board members for their comments before being implemented.

REPORT OF THE BUDGET COMMITTEE

No report.

REPORT OF THE EXECUTIVE DIRECTOR

Mr. Cassidy reported to the Board regarding the items shown on Minute Page 4039.

The Cash Flow Report included in Minute Page 4040 was presented to the Board.

The Board went into Executive Session. Mr. Thomas P. Prose, Attorney from the Attorney General's Office, made a presentation to the Board in the matter of Gregory James Robinson, 77-484, Architectural applicant.

The Board then returned to its regular meeting.

READING OF COMMUNICATIONS

Key, Orin William - 73-44 Letter requesting waiver of Part 2 was presented. It was moved by Mr. Caruso and seconded by Dr. O'Bannon that the request be denied. Motion carried.

McKlveen, John W. - 77-130 Letter requesting waiver of Parts 3 and 4 was presented. It was moved by Mr. Trimble and seconded by Dr. O'Bannon that this request be denied. Motion carried.

Mithun, Omer L. - 78-94 Letter requesting indefinite extension was presented. Mr. Goodwin moved that this request be denied. It was seconded by Dr. O'Bannon. Motion passed.

Hoffarth, Richard C. - 72-599 Letter regarding proctoring of April examinations in Tempe was presented. Dr. O'Bannon moved to instruct the Executive Director to explain the circumstances and the Board's interpretation in a letter to Mr. Hoffarth, and to inform him that if he failed the exam in question, he would be allowed to re-take the exam at no charge. The motion was seconded by Mr. Trimble. Motion carried.

Cordy, Gail E.

Banks, Elizabeth Y.

Murphy, Barbara Letter regarding content of Geologist-in-Training examination was presented, along with a letter from Dr. O'Bannon which supported their proposals. Mr. Trimble moved that this matter be referred to the Evaluation Committee for their investigation and report at the next Board meeting. Motion was seconded by Mr. Gomez. Motion passed.

Kirkbride, Elsy Letter requesting duplicate certificate for George A. Kirkbride was presented. Mr. Jimenez moved that a duplicate certificate be prepared and mailed to Mrs Kirkbride. Dr. O'Bannon seconded the motion. Motion passed.

Maucher, L.E. Letter concerning non-registered employees of cities and counties was presented. It was moved by Mr. Trimble and seconded by Mr. Gomez that the Executive Director be instructed to answer this letter. Motion passed.

Walling, Craig of Peters & Walling Architects. Letter regarding credit for time spent as a plans checker was presented. The Board instructed Mr. Cassidy to respond to this letter.

Moffit, John R. of Pima County Attorney's Office. Letter regarding complaint of John C. Varga against John Lever and Gary McCorkle was presented. The Board postponed consideration of this letter until the complaints were considered under New Business.

UNFINISHED BUSINESS

Robinson, Gregory James In the matter of the application of Mr. Robinson for registration as Architect in the State of Arizona the Board made a decision based upon the Administrative Hearing of March 3, 1978 and the Findings of Fact and Conclusions of Law subsequently submitted. Mr. Porcarello made a motion that Mr. Robinson be granted registration. Motion was seconded by Mr. Early. There were four ayes; three noes. Mr. Gomez abstained. Motion passed.

Question #18, Code and By-Laws Exam. Three alternate questions were considered by the Board as a replacement for Question #18. Mr. Trimble moved that Alternate A be accepted as the replacement. Motion was seconded by Mr. Edson. Motion carried. Shown on Minute Page 4041.

Brennan, Richard R., attorney for Charles K. Kapuvary, 77-183. Mr. Brennan's letter was held in abeyance, pending an inquiry to NCARB regarding foreign experience policy, and was to be considered at this meeting. The inquiry was not made prior to this meeting; therefore, the Board instructed the Executive Director to write to Mr. Brennan and suggest he contact NCARB directly, as they have the means to evaluate foreign education and experience credit.

UNFINISHED BUSINESS (Continued)

Sullivan, Louis C., P.E. of Sullivan & Masson Consulting Engineers. The Board determined that this matter does not come under their jurisdiction, as "Solar Energy Consultants" is not an engineering discipline. The Board directed that Mr. Sullivan be informed that if he has a complaint, he must file a formal complaint against an individual.

Designlab, Inc. A formal complaint from Max Haechler against Designlab, Inc. was presented at the March Board Meeting. The Board requested a response from Designlab, Inc. It was moved by Mr. Earley that this complaint be dismissed as it was too general in nature to covered by the statutes. Mr. Trimble seconded the motion. Mr. Caruso recommended that the motion be amended to include that Mr. Haechler be informed that the Board had considered Designlab, Inc.'s reply to the allegations and had found the reply satisfactory. Mr. Earley accepted this amendment to his motion. Motion was passed with two no votes, five ayes. Dr. O'Bannon abstained.

NEW BUSINESS

Complaint - Tunick, S. Robert against Oberg/Hunt/Gilleland, Architects. Mr. Caruso disqualified himself from this matter because of his association with those against whom this complaint is filed. Mr. Porcarello moved and Mr. Earley seconded the motion that Oberg/Hunt/Gilleland be informed of this complaint and requested to make a written response. Motion carried.

Complaints - Varga, John C. against Gary A. McCorkle dba Pima Digital; and Varga, John C. against John A. Lever dba Automation Electronics. These two informal complaints were considered together because they were similar in nature. Mr. Trimble made a motion that Mr. Varga be informed that he must submit a formal complaint and that Mr. McCorkle and Mr. Lever be informed of the formal complaint and be requested to reply in writing. Mr. Porcarello seconded the motion. Motion carried.

The Board then considered in more detail the allegations made by Mr. Varga in these complaints and decided that there was no evidence of any infraction of the code and that no further action would be taken. Dr. O'Bannon moved that the prior motion be recinded and that Mr. Varga be so informed. Motion was seconded by Mr. Porcarello. Motion carried.

The letter from Mr. John R. Moffit of the Pima County Attorney's Office regarding this matter which was previously postponed until after considering these complaints was now considered. The Board instructed the Executive Director to reply to Mr. Moffit's letter.

Complaint - Fuller, Gordon C. and Alice L. against John Ellisanti, Architect. Mr. Goodwin made a motion that the Executive Director inform Mr. Ellisanti of this complaint and after receiving his answer do whatever further investigation is necessary to bring to the Board the full details regarding this complaint. Mr. Earley seconded the motion. Motion carried.

NEW BUSINESS (Continued)

Mr. Porcarello moved and Dr. O'Bannon seconded the motion that the following authorizations to travel be approved. Motion passed.

NCARB Annual Meeting, June 21-24, 1978 - Los Angeles, California.
 NCEE Annual Meeting, August 6-9, 1978 - Louisville, Kentucky.
 CLARB Annual Meeting, September 8-9, 1978 - Dallas, Texas.

Mr. Porcarello made a motion that the following meeting dates be approved. Mr. Edson seconded the motion. Motion carried.

| | |
|--|-------------------------|
| Architectural Evaluation Committee Meeting | August 10-11, 1978 |
| Landscape Architectural Evaluation Committee Meeting | August 10-11, 1978 |
| Engineering Evaluation Committee Meeting | August 15-18, 1978 |
| Regular Board Meeting | September 8, 1978 |
| Engineering Examination Committee Meeting (to certify examination results) | July 21, 1978 (approx.) |
| Special Board Meeting (to approve recommendations of Examination Committee) | July 21, 1978 (approx.) |

ELECTION OF OFFICERS

It was moved by Mr. Porcarello and seconded by Mr. Trimble that Mr. F. Mark Edson be elected Chairman. Motion carried unanimously.

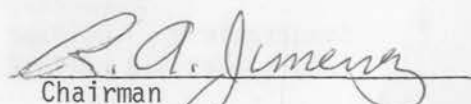
It was moved by Mr. Trimble and seconded by Mr. Earley that Mr. Rod J. Gomez be elected Vice-Chairman. Motion carried unanimously.

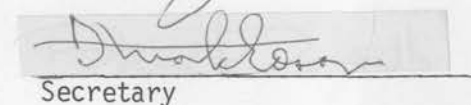
It was moved by Mr. Goodwin and seconded by Mr. Caruso that Mr. Porcarello be elected Secretary. Motion carried unanimously.

Mr. Goodwin made a motion that the Executive Director be authorized to directly request a response from a person or firm against whom a complaint is filed so that the complaint and response will be available to the Board at their next meeting. This motion was seconded by Mr. Porcarello. Motion passed.

ADJOURNMENT

The Chairman adjourned the meeting at 3:30 P.M.


Chairman


Secretary

May 26, 1978

TO: State Board of Technical Registration
 FROM: Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met May 11-12, 1978 in Phoenix, Arizona, with the following members present:

F. Mark Edson
 Kemper Goodwin

There being a quorum present at all times, the committee reviewed the following applicants and makes to the Board the recommendations shown regarding registration in Arizona:

1. The following applicants having appeared before the committee and satisfied the committee they are fully qualified, including the treatise on seismic forces, to receive architectural registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

| | | | |
|----------------------------|--------|---------------------------|--------|
| Acuna, Augustine Guillermo | 77-652 | Keltner, Benjamin R. | 78-68 |
| Aja, Gilbert D. | 78-101 | Lagopoulos, Basil Simon | 78-131 |
| Alexander, Kenneth Arthur | 78-158 | Martin, David Charles | 78-141 |
| Allyn, Richard Blaine | 77-653 | Mullen, Robert E. | 78-103 |
| Bachert, Kurt Jacob | 78-90 | Oeming, David E. | 77-185 |
| Brout, Robert Benefict | 78-170 | Oringdulph, Robert Eugene | 77-632 |
| Chiodini, Louis G. | 78-190 | Ortega, Rudolph Rafael | 78-132 |
| Engler, Richard Leo | 78-59 | Parker, George Edward Jr. | 78-91 |
| Huston, Bruce Carlyle | 78-97 | Perata, Albert Anthony | 78-60 |
| Jackson, Jerome D. | 77-366 | Smith, James J. | 77-526 |
| Johnson, Ed Jordan | 78-61 | Zimmerman, Gary Vincent | 78-37 |

2. The following applicants having appeared before the committee for a personal audience interview, need demonstration of additional evidence of their proficiency (ARS 32-123.B), and it is recommended to the Board that these individuals be held for written exams in June and December 1978:

| | | |
|--------------------------|--------|----------------------------------|
| Brookfield, Ronald | 78-309 | Section E, Professional |
| Dercks, David William | 78-152 | Section E, Professional |
| Eaton, Bruce Edward | 78-1 | Sections A,B,C,D,E, Professional |
| Erickson, Richard John | 78-171 | Section E. |
| Felder, Larry Joe | 78-136 | Section E, Professional |
| Jonas, Glenn Allen | 78-118 | Sections A,B,C,D,E, Professional |
| McCollum, Tommy Robert | 78-194 | Section E, Professional |
| Posedly, Jane Hamilton | 77-565 | Section E, Professional |
| Ransom, William H. | 78-46 | Sections A,B,C,D, Professional |
| Scheibe, Wayne Russell | 78-139 | Section E. |
| Whitcomb, Morris Kenneth | 78-58 | Section E, Professional |
| Wilson, David Walter | 78-200 | Section E, Professional |

Continued...

The committee recommends to the Board that Recommendations 1 and 2 of this report be accepted and implemented.

Other items of business considered by the Architectural Evaluation Committee are as follows:

DONG, TILLIE In response to her request, Tillie Dong's exam results were reviewed and verified for correct scoring. Exam results will stand as announced.

QUESTION #18 REPLACEMENT The committee refers this matter to the full Board for a decision.

1978 NCARB ANNUAL MEETING F. Mark Edson and Kemper Goodwin were chosen delegates to this meeting to be held in Los Angeles, June 21 - 24, 1978.

STARKWEATHER, RICHARD PAUL At Mr. Starkweather's request, the committee granted him an extension to August 1978 so that he will be able to complete a seismic seminar in June 1978.

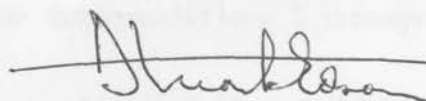
ISAACS, ROBERT EUGENE This application was considered for possible denial for failure to complete the requirements of the Board within a reasonable length of time. The committee made the recommendation that the Executive Director send a letter to Mr. Isaacs' home address, asking for confirmation that he still wishes to complete his application for registration. If no reply is received by July 1, 1978 a denial will be recommended by the committee.

ROLA, ALFRED The committee extended the submittal date to July 14, 1978 for Mr. Roia's treatise. If treatise is not submitted by that date, the committee recommends denial of the application for failure to complete the requirements of the Board within a reasonable length of time.

JENCEN, RICHARD R. An extension was granted to Mr. Jencen by the committee, giving him until July 14, 1978 to submit his treatise. If treatise has not been submitted by that date, the committee recommends denial of this application for failure to complete the requirements of the Board within a reasonable length of time.

YEARWOOD, RANDALL NILE The submittal date on Mr. Yearwood's treatise or seminar completion was extended to July 14, 1978. Denial of this application will be forthcoming if this is not done.

Respectfully submitted,



F. Mark Edson, Chairman

DATE: May 24, 1978

TO: State Board of Technical Registration
 FROM: Landscape Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met May 12, 1978 in Phoenix, Arizona, with the following members present:

Wayne O. Earley
 F. Mark Edson
 Kemper Goodwin

There being a quorum present at all times, the committee reviewed the following applicants and makes to the Board the recommendations shown regarding registration in Arizona:

1. The following applicant, having appeared before the committee and satisfied the committee that he is fully qualified to receive landscape architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126 is hereby recommended for registration:

Olson, Clarence Oliver 78-36

2. The following applicants, having appeared before the committee for a personal audience interview, need demonstration of additional evidence of their proficiency (A.R.S. 32-123.B), and it is recommended to the Board that these individuals be held for the written examinations in June 1978:


| | | |
|------------------------------|--------|-----------------------|
| Cure, Peter Edward | 77-541 | Sections B and D |
| Leece, Michael Brian Francis | 78-197 | Sections A,B,C, and D |
| Roundy, Newell James | 78-78 | Sections A,B,C, and D |
| Scott, William Talmage, Jr. | 78-77 | Section D |
| Tumer, Savias M. | 78-140 | Sections A,B,C, and D |

3. The following applicants appeared before the committee, and it was determined that their applications should be denied for lack of experience of a character satisfactory to the Board under A.R.S. 32-122.A, with the refunds as shown:

| | | |
|-------------------------|--------|---------|
| Krieg, John Christopher | 78-40 | \$10.00 |
| Presto, Richard | 78-166 | \$10.00 |

The committee recommends to the Board that Recommendations 1 through 3 of this report be accepted and implemented.

Respectfully submitted,


 Wayne O. Earley, Chairman

DATE: May 24, 1978

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met May 16 - 19, 1978 in Phoenix, Arizona with the following members present:

Sam Caruso
 Rod J. Gomez
 Rudolf A. Jimenez
 Charles E. O'Bannon
 John B. Trimble

There being a quorum present at all times, the committee reviewed the following applicants and now make to the Board the recommendations shown regarding their professional registration in Arizona.

1. The following applicants, having appeared before the committee and having satisfied the committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and 32-126 are hereby recommended for registration:

CHEMICAL ENGINEER

Boucher, Herman G.

78-65

CIVIL ENGINEERS

Biondolillo, Louis Philip

78-63

Calvillo, Clement Nemeç

77-664

Chan, George Ka Cheung

78-179

Cronk, Gene Edward

78-155

Day, Richard O.

78-183

Denmark, Clifford Theodore

78-157

Gage, Leanos Monroe

78-162

Galek, Albert H.

78-110

Glover, William Arthur

78-109

Gruby, Michael Bert

78-17

Johnson, Thomas Dunavan

78-112

Johnson, William John (III)

78-128

Kelly, Vincent Kevin

77-666

Kindred, Thomas Glenn

78-84

Knechtel, Winston E. (Jr.)

78-80

Levy, Albert M.

77-527

Lewis, Gunter Henry

78-135

Lewis, James Walter

78-47

Lipira, Robert Joseph

78-24

Kokre, Anirudha Balwant

78-86

McCaleb, Neal A.

78-129

Myers, Larry Alan

78-167

Neff, Daniel Hansen

78-95

CIVIL ENGINEERS (Cont.)

Odean, Barry L.

78-178

Olson, Clarence Oliver

78-35

Owen, Michael Charles Ronald

78-54

Pavlovich, Raymond

78-106

Pazauskas, John S. (Jr.)

78-88

Rice, Steven Michael

78-28

Robbins, John Arthur

78-38

Ryan, William Lee

78-177

Spencer, Ralph Howard

78-161

Stedman, Scott Arthur

78-168

Stokes, Gerald Guy (Jr.)

78-89

Strangio, William

78-13

Taylor, Harvey Walter

78-182

ELECTRICAL ENGINEERS

Ainscough, Arthur

78-102

Andes, Charles B.

78-98

Belden, Jerry Lee

78-123

Geyman, David Joseph

78-53

Given, Sherman K.

78-137

Goldberg, Jack

78-87

Mancini, Frank Peter

78-153

Mason, Thomas Lee

78-142

Mutschler, William Henry (Jr.)

78-121

Schneider, Norbert

78-71

Sharbutt, David Edward

78-145

Sterling, Edward Canfield III

78-133

Tang, Wilson Pui-Yan

78-154

Continued...

MECHANICAL ENGINEERS

| | |
|----------------------------|--------|
| Ashcraft, William Camden | 78-195 |
| Braun, Robert H. | 78-114 |
| Chittenden, William Arthur | 78-151 |
| Hoffman, Sidney | 78-172 |
| Leung, Richard L. | 78-125 |
| Little, Edwin Jackson | 78-173 |
| Malik, Gulshan Kumar | 78-119 |
| Okajima, Toshio | 78-138 |

STRUCTURAL ENGINEERS

| | |
|---|------------------|
| Loftfield, James R. | 78-105 |
| Milstein, Bernard | 78-134 |
| Narasimhan, Anantanarayanan, | 78-48 |
| Krishnaswamy | 78-48 |

LAND SURVEYORS

| | |
|--------------------------|--------|
| Ballard, James T. | 78-127 |
| del Castillo, Ruel | 78-143 |
| Eichelberger, Lloyd Lane | 77-585 |
| Kingston, Howard Glenn | 78-149 |

2. The following applicants, having appeared before the committee for a personal audience interview, need demonstration of additional evidence of their proficiency (A.R.S. 32-123.B), and it is recommended to the Board that these individuals be held for the written examinations in November 1978 as indicated:

CHEMICAL ENGINEER

| | | |
|--------------------|-------|---------------|
| Travis, Stephen R. | 78-72 | Parts 3 and 4 |
|--------------------|-------|---------------|

CIVIL ENGINEERS

| | | |
|------------------------|--------|--------------------|
| Drucker, Emil | 78-107 | Parts 3 and 4 |
| Glancy, Michael Owen | 78-34 | Parts 3 and 4 |
| Laakso, Douglas Gordon | 78-43 | Parts 1,2,3, and 4 |
| Sebba, Jon Brigish | 78-45 | Parts 3 and 4 |
| Skibitzke, Herbert E. | 78-85 | Parts 3 and 4 |
| Wetz, Norman Harold | 78-57 | Parts 3 and 4 |

ELECTRICAL ENGINEERS

| | | |
|-------------------------|--------|--------------------|
| Ames, Stephen Alexander | 78-52 | Parts 1,2,3, and 4 |
| Bone, Dale Hansel | 78-163 | Parts 3 and 4 |
| Demcko, John Andrew | 78-115 | Parts 1,2,3, and 4 |
| Holmerud, Gene | 77-661 | Parts 3 and 4 |
| Kroese, Arthur Jerome | 78-3 | Parts 3 and 4 |

MECHANICAL ENGINEERS

| | | |
|--------------------------|--------|--------------------|
| Hannifin, Edmund Normand | 78-130 | Parts 1,2,3, and 4 |
| Sullivan, James Emmett | 78-124 | Parts 1,2,3, and 4 |
| Sullivan, Paul Eugene | 78-81 | Parts 3 and 4 |
| Boucher, Herman G. | 78-64 | Parts 3 and 4 |

SANITARY ENGINEER

| | | |
|--------------------------------|--------|---------------|
| Scoutten, Woodrow Charles, Jr. | 78-146 | Parts 3 and 4 |
|--------------------------------|--------|---------------|

STRUCTURAL ENGINEER

| | | |
|-----------------------------|-------|--------------------|
| Hess, Steven Alan | 78-30 | Parts 3,4,5, and 6 |
| Narasimhan, Anantanarayanan | 78-48 | Parts 5 and 6 |

LAND SURVEYOR

| | | |
|----------------------------|--------|--------------------|
| Sturniolo, Fredrick Joseph | 78-148 | Parts 1,2,3, and 4 |
|----------------------------|--------|--------------------|

Continued...

3. The following applicants appeared before the committee, and it was determined that their applications should be denied for lack of experience of a character satisfactory to the Board under ARS 32-122.A, with the refunds as shown:

| | | | |
|---------------------|--------|----------------------|---------|
| Civil Engineer | 78-29 | Saufferer, Warren B. | \$10.00 |
| Mechanical Engineer | 78-180 | Coyle, Patrick Doff | \$10.00 |

4. The following applicant was advised three times that his application was incomplete and that references were needed before he could be scheduled for personal audience evaluation. He made no response, and he is hereby recommended to the Board for denial of his application for failure to complete the requirements of the Board within a reasonable length of time:

Land Surveyor 77-36 McDonald, Jeffrey

5. Buxton, Lawrence A. 76-208, Civil Engineer

Consideration was given to Mr. Buxton's written request for an extension to 1980 to re-take Part 4 of the examination and for a review of his November 1977 examination. The committee recommends that the Board consider the request for an extension to 1980. The exam was reviewed, and the failing grade was reaffirmed.

The committee recommends to the Board that Recommendations 1 through 5 of this report be accepted and implemented.

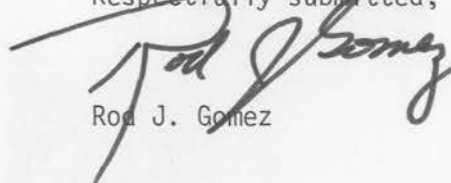
Other items of business considered by the Engineering Evaluation Committee are as follows:

QUESTION #18 REPLACEMENT The committee refers this matter to the full Board.

NCEE 1978 ANNUAL MEETING It was decided that Rudolph A. Jimenez will attend this meeting to be held August 6-9, 1978 in Louisville, Kentucky. If it is convenient, Earle M. Cassidy or John B. Trimble will also attend.

REVISION OF STRUCTURAL EXAM The committee recommends waiting for the April 1979 report from Western Region, NCEE Committee on a common exam for the Western area.

Respectfully submitted,



Rod J. Gomez

REPORT OF THE EXECUTIVE DIRECTOR

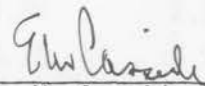
Mr. Drewry's last day of work was April 21, 1978, not February 25, 1978 as originally requested by him in his letter of resignation.

At the March 3, 1978 Board Meeting the Board authorized the programming and printout of the disciplines, alphabetically. This has been requested from Data Processing and should be available in July or August, 1978.

At the March 3, 1978 Board Meeting the Board authorized the purchase of conference recording equipment. A demonstration of two types of equipment is being conducted at this Board meeting.

The Director would like authorization to include in the 1979-80 budget request some funds for the purchase of draperies and additional office furnishings.

It would appear that nearly all fees will have to be increased in the forthcoming year in order to cover budgeted expenses. It is estimated that the Technical Fund balance will fall below \$100,000 this month for the first time since 1972, and a further deficit has been budgeted for the fiscal year 1978-79.


Earle M. Cassidy

CASH FLOW REPORT - JUNE 1, 1978

04040

| | |
|--|--------------|
| Balance on deposit as of July 1, 1977 | \$119,917.02 |
| Total Allocated Receipts to Technical Fund | \$113,024.02 |
| Balance on deposit as of report date | \$232,941.04 |
| Balance in Technical Fund | \$121,060.71 |
| Lump Sum Appropriated | \$160,800.00 |

| EXPENDITURES: | <u>1977-78</u> <u>Year-To-Date</u> | <u>1977-89</u> <u>Budget</u> |
|--|---------------------------------------|---------------------------------|
| Personal Services | \$55,475.14 | \$57,400 |
| Employee Related Costs | 8,799.15 | 10,900 |
| Travel - In State | 3,803.59 | 4,300 |
| Travel - Out of State | 2,886.75 | 3,300 |
| Data Processing | 1,029.76 | 2,600 |
| Professional Services | 10,394.12 | 44,800 |
| Office Rent & Meeting Rooms | 4,293.50 | 8,400 |
| Office Supplies, Maintenance, Express & Advertising | 4,748.91 | 13,900 |
| Microfilm | 187.49 | 200 |
| Insurance | 300.00 | 300 |
| Dues | 2,632.00 | 3,200 |
| Postage | 5,032.15 | 7,000 |
| Telephone | 1,763.88 | 2,300 |
| Xerox | 645.75 | 900 |
| Revolving Fund | 50.00 | |
| Refunds | <u>346.50</u> | |
| TOTAL EXPENDITURES | <u>\$102,368.69</u> | |

Balance of Appropriated Monies \$58,431.31

State Board of Technical Registration

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS

1645 W. JEFFERSON, ROOM 315

PHOENIX, ARIZONA 85007

(602) 271-4053

MEMORANDUM

DATE: May 3, 1978

TO: All Board Members

FROM: Earle M. Cassidy, Executive Director *EMC*

SUBJECT: REPLACEMENT OF QUESTION #18, CODE AND BYLAWS EXAM

Three alternatives have been submitted by individual Board members as a suggested replacement for Question #18 of the Code and Bylaws Exam. They are printed below. Please look them over so that they may be discussed during the forthcoming Evaluation Committee meetings later this month.

QUESTION 18 Structural engineers may not perform civil engineering; however, civil engineers may perform structural engineering:

- except on schools.
- except on public buildings and schools.
- without exceptions.
- except on buildings above 10 stories in height.

ALTERNATE A If in the judgment of the Board of Technical Registration an applicant has not furnished satisfactory evidence of qualifications for registration, it may:

- require an additional registration fee.
- require additional data.
- require applicant to submit to an oral or written examination.
- combination of b. and c.

Reference: 32-123

ALTERNATE B A firm or corporation may engage in the practice of architecture, assaying, geology, engineering, landscape architecture, or land surveying, if:

- the work is under the charge of a registrant.
- the work is under the full authority and responsible charge of a registrant, who is also a principal of the firm or officer of the corporation.
- the work is under the charge of any principal of the firm or officer of the corporation.
- all of the above.

Reference 32-141

ALTERNATE C The board may take disciplinary action and revoke the certificate of any registrant charged with the commission of the following acts:

- acting as an agent, partner or associate of an unregistered person with intent to evade the provision of this Code.
- allowing the annual registration fee to lapse for more than three years.
- signing, stamping, or sending any document not prepared by the registrant or his bonafide employee.
- either a. or c. above.

Reference 32-128

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

04042

JULY 21, 1978

A special meeting of the State Board of Technical Registration was held on Friday, July 21, 1978 in Room 315 of the Occupational Licensing Building, 1645 West Jefferson, Phoenix, Arizona.

There being a quorum present, the meeting was called to order at 11:15 A.M. by F. Mark Edson, Chairman of the Board.

PRESENT

F. Mark Edson, Chairman
Rod J. Gomez, Vice Chairman
Patrick H. Porcarello, Secretary
Sam Caruso
R. A. Jimenez
Charles E. O'Bannon
John B. Trimble

ABSENT

Wayne O. Earley
Kemper Goodwin

It was moved by John B. Trimble and seconded by R.A. Jimenez that the minutes of the regular meeting of the Board held on June 16, 1978 be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE LEGISLATIVE COMMITTEE

No report.

REPORT OF THE EVALUATION AND EXAMINATION COMMITTEES

ARCHITECTURAL

No report.

ENGINEERING

The Engineering Evaluation Committee report of the meeting held July 21, 1978 was presented by Chairman Sam Caruso. Minute Pages 4047-56.

There being a question regarding the grading of the examinations for the Structural Engineers, it was moved by Mr. Caruso and seconded by Mr. Porcarello that the Structural Engineering portion be deleted from the list of grades to be certified. The motion passed.

Further discussion of this question resulted in the decision that all the names of the Structural Engineers should not be deleted--only those in question. Therefore, Mr. Jimenez moved to rescind the previous motion. Mr. Porcarello seconded, and the motion passed.

Mr. Caruso moved that the Engineering Evaluation Committee report be accepted and implemented by the Board with the exception of the following four people who took Part 6 of the Structural Engineering examination. Mr. Jimenez seconded the motion. Motion carried.

DELETED

| | |
|------------------------|--------|
| Bianchi, Richard Jesse | 75-472 |
| Stevens, Alexander | 78-8 |
| Weingart, Daniel | 78-9 |
| Willer, Myron A. | 77-597 |

Mr. Caruso then made a motion that the examination grades of the above four Structural Engineers be reviewed with the grader to resolve the question of the exam results and that the Engineering Evaluation Committee be polled with the results of the review and then the Board be polled by telephone to accept the results of the evaluation and that the proper paper work be instituted by the Executive Director to conform to all regulations. This motion was seconded by Mr. Trimble. Motion passed.

It was moved by Dr. O'Bannon and seconded by Mr. Porcarello that the following applicant is to be denied registration with neither prejudice nor refund at his own request: Motion passed.

78-83 Isaacs, Robert Eugene

It was moved by Mr. Porcarello and seconded by Dr. Jimenez that the names of the following applicants which were shown on the list of denials at the June 16, 1978 Board meeting be officially removed from the denied list:

70-58 Bertella, Guido Joseph
75-185 Campbell, William

Motion passed.

It was moved by Mr. Porcarello and seconded by Dr. Jimenez that the name of the following applicant be removed from the list of applicants who were granted registration at the June 16, 1978 meeting. This name was included by clerical error. Motion passed.

78-48 Narasimhan, Anantanarayanan, Krishnaswamy

It was moved by Mr. Caruso and seconded by Mr. Porcarello that the following applicants for professional registration, having completed the personal audience and all other requirements of this Board, be granted registration and assigned the registration numbers as indicated. Motion carried.

CIVIL ENGINEERING

| | |
|--------------------------|-------|
| Baker, William Hugh, Jr. | 11841 |
| Berry, James Earl | 11848 |
| Corum, Donald Kelly | 11849 |
| Finsel, John McMillen | 11850 |
| Hansen, Larry Bruce | 11851 |
| Harn, Paul Alan | 11852 |
| Malik, Mahmood Akbar | 11853 |
| Nelson, El Roy | 11854 |
| Rosness, Martin Henry | 11855 |
| Smith, Ramon Guy | 11856 |
| Sriben, Sid | 11857 |
| Svensson, Roy William | 11858 |
| Taylor, James Howard | 11859 |
| Wiedeman, Craig Parker | 11860 |
| Young, Benny Joe | 11861 |
| Sobieski, Paul Gerhard | 11887 |

ELECTRICAL ENGINEERING

| | |
|-----------------------------|-------|
| Barrow, John Talmage, Jr. | 11862 |
| Carlton, Bruce Frederick | 11863 |
| Phillips, William Earl | 11864 |
| Skala, James Albert | 11865 |
| Taylor, Dale Wayne | 11866 |
| Thomas, Kenneth James Peter | 11867 |
| Thomas, Marcus Maurice | 11868 |
| London, John Martin | 11895 |
| Sykora, Kenneth Richard | 11896 |

HIGHWAY ENGINEERING

| | |
|-------------------|-------|
| Ross, Thomas John | 11869 |
|-------------------|-------|

INDUSTRIAL ENGINEERING

| | |
|----------------------|-------|
| Bailey, James Edward | 11870 |
|----------------------|-------|

MECHANICAL ENGINEERING

| | |
|----------------------------|-------|
| Brevick, Lonnie Lee | 11871 |
| Drost, Barry Dean | 11872 |
| Ghan, Robert James | 11873 |
| Haak, Charles Edward | 11874 |
| Hodge, Michael Frederick | 11875 |
| Price, Mike Steven | 11876 |
| Quill, Joseph Stephen, Jr. | 11877 |
| Schwalm, Robert James | 11878 |
| Barnes, Darryl L. | 11894 |

MINING ENGINEERING

| | |
|---------------------------------|-------|
| Johnson, Thomas Curtis | 11879 |
| Phillips, Stephen Henry Elliott | 11880 |

NUCLEAR ENGINEERING

| | |
|--------------------|-------|
| Stirland, Meade A. | 11881 |
|--------------------|-------|

STRUCTURAL ENGINEERING

| | |
|---------------------------|-------|
| Ahmed, Moizuddin | 11882 |
| Biondolillo, Louis Philip | 11884 |
| Gutt, Tadius J. | 11885 |
| Linder, Barry Murray | 11886 |

GEOLOGIST

| | |
|----------------------|-------|
| Tepel, Robert Edward | 11888 |
| Turek, Frank Stanley | 11889 |

LAND SURVEYING

| | |
|-------------------------|-------|
| Cook, Richard Dennis | 11890 |
| Myers, Harry LeRoy | 11891 |
| Myers, Terry Lon | 11892 |
| Potts, Robert Clifford | 11893 |
| Short, John Edward | 11883 |
| Sticht, Brian George | 11897 |
| Winkler, Lynn Ames, Jr. | 11898 |

ENGINEER-IN-TRAINING

| | |
|---------------------------|------|
| Baldwin, Charles Cummins | 1929 |
| Bleakney, William W. | 1930 |
| Bro, William J. | 1931 |
| Chandler, Randy Neal | 1932 |
| Cummings, Robert Adams | 1933 |
| Daemmer, Johnathan E. | 1934 |
| Dotson, David Dell | 1935 |
| Germain, Albert E. | 1936 |
| Guertin, James M. | 1937 |
| Hinch, Phillip James, Jr. | 1938 |
| Hom, Donald D. | 1939 |
| Jacobson, Randall James | 1940 |
| Jennings, David Wayne | 1941 |
| Jensen, Andrew Wallace | 1942 |
| Kendall, Shawn B. | 1943 |
| Lang, Michael | 1944 |
| Luke, Russell A. | 1945 |
| Maples, Vance H. | 1946 |
| Morris, James F. | 1947 |
| Morris, William F. | 1948 |
| Murray, Steven A. | 1949 |
| Orr, Stephen A. | 1950 |
| Perreault, Richard G. | 1951 |
| Prouty, Leslie Jean | 1952 |
| Ramos, John | 1953 |
| Reynolds, Robert David | 1954 |
| Roscoe, Robert W. | 1955 |
| Rule, Timothy T. | 1956 |
| Shacter, Stuart Barnett | 1957 |
| Stephens, Frank Anderson | 1958 |
| Sublette, William Robert | 1959 |
| Thrall, Patrick James | 1960 |
| Tognoni, David O. | 1961 |
| Vail, William R. | 1962 |
| Wagner, Martha M. | 1963 |
| White, Noel | 1964 |
| Wilkerson, Paul Ronald | 1965 |
| Winsor, Michael John | 1966 |
| Zipf, Richard Karl, Jr. | 1967 |
| Zwickl, Keith Duane | 1968 |
| Victory, Thomas F. | 1969 |
| Brown, Lewis E. | 1970 |
| Martin, Andrew Gainor | 1971 |
| Harris, James E. | 1972 |

REPORT OF THE PUBLIC INFORMATION COMMITTEE

No report.

REPORT OF THE BUDGET COMMITTEE

No report.

REPORT OF THE EXECUTIVE DIRECTOR

The Executive Director explained to the Board the need for and the uses of a Revolving Fund.

Dr. Jimenez made a motion that the Executive Director be authorized to open an account with the Valley National Bank for the purpose of facilitating expenditures of the Board. Dr. O'Bannon seconded the motion. Mr. Gomez proposed that this motion be amended to include the Chairman as signatory of this account. Dr. Jimenez accepted this amendment to the motion. Motion passed.

The Executive Director explained to the Board the problem involved in obtaining three signatures on each document issued by the Board office, and the Board directed that the Signature Authorization document filed with the Accounting Office be changed to require only two signatures.

COMMUNICATIONS

The National Council of Engineering Examiners advised the Board Office by telephone on July 10, 1978 of the death of Amos E. Kent, President Elect, NCEE. Mr. Gomez moved that a letter expressing the sympathy of the Board be sent to the family of Mr. Kent. Mr. Caruso seconded the motion. Motion passed.

Dr. O'Bannon made a motion that the Board send a letter expressing our sympathy to the family of former Board member, John Girand, who died July 15, 1978 and our appreciation for his service to the community and to the Board. Mr. Trimble seconded. Motion passed.

UNFINISHED BUSINESS

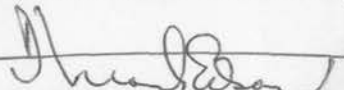
Although Mr. Porcarello was excused and there was no longer a quorum present, Mr. John C. Varga appeared before the Board to request a review of his complaint against John A. Lever dba Automation Electronics and Gary A. McCorkle dba Pima Digital. After listening to a lengthy presentation by Mr. Varga, the Board advised him that there was no proof that Mr. Lever or Mr. McCorkle had violated the rules and regulations of the Board. The Board explained to Mr. Varga that if he did obtain such proof of any violation he must submit a formal complaint to the Board.

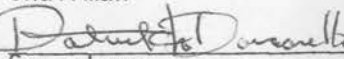
Mr. Varga suggested to the Board that a committee be appointed to study the Electronics field and make suggestions to the Board for monitoring this field.

ADJOURNMENT

The meeting adjourned at 1:00 P.M.

RESPECTFULLY SUBMITTED,


Chairman


Secretary

DATE: July 21, 1978

TO: State Board of Technical Registration

FROM: Engineering Evaluation Committee

The Engineering Evaluation Committee met on Friday, July 21, 1978 in Phoenix, Arizona with the following members present:

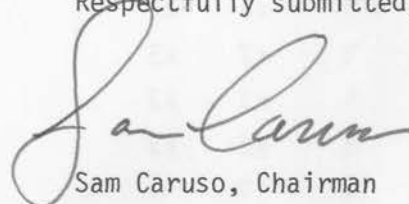
Rod J. Gomez
Sam Caruso
R. A. Jimenez
Charles E. O'Bannon
John B. Trimble

The Committee meeting was held to review the results of the examinations given April 15-16, 1978. The final results of the examinations are shown on the following pages.

The Engineering Evaluation Committee will meet August 17, 18, 21, 22, 1978.

The Engineering Evaluation Committee recommends to the Board that this report be accepted and implemented and that these grades be certified.

Respectfully submitted,



Sam Caruso, Chairman

CHEMICAL ENGINEERING

| | | PART I | PART II | PART III | PART IV | PASSED |
|--------|--------------------------|-----------|------------|-------------|------------|--------|
| 76-193 | Hammon, Lyndon Ray | Ex | Ex | F | P | 4 |
| 76-119 | Roberts, S. Von | Ex | Ex | F | F | |
| 76-260 | Rosenstock, Hubert | Ex | Ex | F | F | |
| 75-558 | Villemez, George Raymond | Ex | Ex | F | F | |

CIVIL ENGINEERING

| | | | | | | |
|----------|------------------------------|----|----|----|---|--------|
| 77-556 | Babcock, Joseph Andrew | F | F | F | P | 4 |
| * 77-620 | Baker, William Hugh, Jr. | Ex | Ex | P | P | 3,4 |
| * 77-595 | Berry, James Earl | Ex | Ex | P | P | 3,4 |
| 77-342 | Bethell, John L. | Ex | Ex | F | P | 4 |
| 76-508 | Chen, James Shu Chih | Ex | Ex | F | P | 4 |
| 77-42 | Coker, Raymond L. | Ex | Ex | F | F | |
| * 77-317 | Corum, Donald Kelly | Ex | Ex | P | P | 3,4 |
| 77-370 | Crawford, David Scott | Ex | Ex | F | F | |
| 70-311 | Dalrymple, Guerry M. | F | F | F | P | |
| 77-318 | Easter, Jack A. | F | F | F | F | |
| * 77-63 | Finsel, John McMillen | Ex | Ex | P | P | 4 |
| 77-118 | Fleet, Fred Everett | F | F | F | F | |
| 75-354 | Funderburk, Harvey Alexander | F | P | P | P | |
| * 77-408 | Hansen, Larry Bruce | Ex | Ex | P | P | 3,4 |
| 77-433 | Harabor, Mihai | P | P | F | P | 1,2, 4 |
| * 77-260 | Harn, Paul Alan | Ex | Ex | P | P | 4 |
| 74-373 | Hood, Douglas Eugene | P | P | P | F | |
| 77-261 | Kimmel, Richard John | Ex | Ex | P | F | |
| 69-270 | Kirdar, Edib | Ex | Ex | F | P | |
| 77-600 | Kory, Raymond Edward | Ex | Ex | F | F | |
| 78-31 | Lester, John Stewart | Ex | Ex | F | P | 4 |
| * 77-327 | Malik, Mahmood Akbar | P | P | P | P | 1, 4 |
| 75-231 | Masowdi, Amir M. | P | F | P | F | |
| 77-265 | Matsushino, Anne Miyo | Ex | Ex | F | F | |
| 77-601 | McCreary, Dennis James | Ex | Ex | F | F | |
| 77-392 | McPherson, Dale Jon | P | P | F | P | 1,2, 4 |
| 77-621 | Meinhardt, Robert Gerald | Ex | Ex | F | P | 4 |
| 76-10 | Mercer, Donald Jay | Ex | Ex | Ex | F | |
| 76-103 | Milicevic, Novica | F | P | F | F | |
| 70-58 | Bertella, Guido Joseph | P | F | P | P | |

| <u>CIVIL ENGINEERING (Continued)</u> | | <u>PART I</u> | <u>PART II</u> | <u>PART III</u> | <u>PART IV</u> | <u>PASSED</u> |
|--------------------------------------|------------------------------|-------------------|--------------------|---------------------|--------------------|---------------|
| 74-671 | Nauseda, Barry B. | P | P | P | P | 1,2 Record |
| * 77-379 | Nelson, ElRoy | Ex | Ex | P | P | 3,4 |
| 75-421 | Nixon, Charles Gilbert | P | F | P | P | |
| 76-384 | Ochoa-Romero, Ramon Bavictri | Ex | Ex | F | Ex | |
| 78-6 | Paavola, Michael Eugene | Ex | Ex | F | P | 4 |
| 77-253 | Rausch, Robert Ralph | Ex | Ex | F | F | |
| * 77-646 | Rosness, Martin Henry | Ex | Ex | P | P | 3,4 |
| 76-566 | Savicky, John Lee | Ex | Ex | P | F | |
| 77-377 | Scoble, Francis Matthew | P | P | F | P | 4 |
| 77-111 | Smith, Harold Ronald | Ex | Ex | F | P | 4 |
| * 77-231 | Smith, Ramon Guy | Ex | Ex | P | P | 3,4 |
| * 77-323 | Sobieski, Paul Gerhard | Ex | Ex | P | F | 4 |
| * 77-511 | Sriben, Sid | Ex | Ex | P | P | 3,4 |
| * 77-449 | Svensson, Roy William | Ex | Ex | P | P | 3,4 |
| * 77-371 | Taylor, James Howard | Ex | Ex | P | P | 3,4 |
| 77-623 | Techapinyawat, Sompote | Ex | Ex | F | P | 4 |
| 74-392 | Teply, George J. | F | F | P | P | |
| * 78-20 | Wiedeman, Craig Parker | Ex | Ex | P | P | 3,4 |
| 76-320 | Wilkie, Paul Albert | F | P | F | F | |
| 76-68 | Wilson, John Lawrence | Ex | Ex | F | F | |
| 74-444 | Wong, Jimmy | F | P | P | P | |
| 76-407 | Yeager, Larry Richard | Ex | Ex | F | F | |
| * 78-33 | Young, Benny Joe | Ex | Ex | P | P | 3,4 |

ELECTRICAL ENGINEERING

| | | | | | | |
|----------|-----------------------------------|----|----|---|---|------------|
| 77-269 | Ananthanarayanan, Balanarayanan | P | P | P | F | 2,3 |
| 77-550 | Baltier, Francisco Vicente Lozano | P | P | P | F | 1,2,3 |
| * 78-21 | Barrow, John Talmage, Jr. | Ex | Ex | P | P | 3,4 |
| 75-483 | Brown, David Canby | P | F | P | F | 1 |
| * 77-243 | Carlton, Bruce Frederick | Ex | Ex | P | P | 3,4 |
| 76-52 | Clark, Roger William | Ex | Ex | F | P | |
| 74-569 | Daviet, Leslie Louis II | P | P | P | P | 1,2 Record |
| 77-325 | Davis, John Edward | Ex | Ex | P | F | 3 |
| 77-214 | Emmons, Glen T. | Ex | Ex | F | F | |
| 74-669 | Haines, Robert Thomas | F | F | P | P | |
| 75-185 | Campbell, William | P | F | P | P | |

| <u>ELECTRICAL ENGINEERING (Continued)</u> | | <u>PART</u> <u>I</u> | <u>PART</u> <u>II</u> | <u>PART</u> <u>III</u> | <u>PART</u> <u>IV</u> | <u>PASSED</u> |
|---|-----------------------------|-------------------------|--------------------------|---------------------------|--------------------------|---------------|
| 77-308 | Hall, Esrie Sherman, Jr. | P | P | F | P | 1,2 |
| 76-578 | Hawkins, Dan J. | Ex | Ex | F | F | |
| 77-93 | Jayadevan, Sarjapur M. | F | F | F | F | |
| 77-341 | Jolley, Virdes Allen | P | P | F | P | 1,2 |
| 76-249 | Kelly, John Howard | Ex | Ex | F | F | |
| 74-221 | Kensinger, Richard James | F | F | F | F | |
| 77-562 | Krueger, Alan John | P | P | P | F | 1,2,3 |
| 77-629 | Kuivila, Richard Paul | Ex | Ex | F | DNA | |
| 72-487 | Loar, James Alpha | P | P | P | F | |
| * 77-648 | London, John Martin | Ex | Ex | P | P | 3,4 |
| 73-704 | Lundmark, George Edward | Ex | Ex | F | F | |
| 77-614 | Moen, Dennis Milton | Ex | Ex | P | F | 3 |
| * 76-545 | Phillips, William Earl | Ex | Ex | P | P | 3,4 |
| 77-592 | Pinter, Duane Leo | F | F | F | P | 4 |
| 76-536 | Reiter, William Anthony | Ex | Ex | F | P | 4 |
| * 77-386 | Skala, James Albert | Ex | Ex | P | P | 3,4 |
| 78-41 | Slick, David Peter | Ex | Ex | P | F | 3 |
| * 77-309 | Sykora, Kenneth Richard | Ex | Ex | P | P | 3 |
| 76-544 | Tannehill, Richard Lee | P | P | P | P | 1,2 Record |
| * 78-2 | Taylor, Dale Wayne | P | P | P | P | 1,2,3,4 |
| * 77-335 | Thomas, Kenneth James Peter | P | P | P | P | 4 |
| * 77-388 | Thomas, Marcus Maurice | P | P | P | P | 1,2,3,4 |
| 77-121 | Zaletel, Edward Anthony | Ex | Ex | F | F | |

GEOLOGICAL ENGINEERING

| | | | | | | |
|--------|----------------------|---|---|---|---|--|
| 70-226 | Youell, James Robert | P | F | P | P | |
|--------|----------------------|---|---|---|---|--|

HIGHWAY ENGINEERING

| | | | | | | |
|--------|-----------------------|---|---|---|---|--|
| 74-166 | Blizzard, Max Sharon | F | F | F | P | |
| 74-271 | Bloom, Norman Kenneth | P | F | F | P | |
| 76-291 | Boren, Ervin Lester | F | F | F | F | |
| 76-151 | Foster, Thomas Daniel | F | F | P | F | |
| 73-44 | Key, Orin William | P | F | P | P | |
| 74-173 | Lay, George John | P | F | P | P | |

| <u>HIGHWAY ENGINEERING (Continued)</u> | | <u>PART I</u> | <u>PART II</u> | <u>PART III</u> | <u>PART IV</u> | <u>PASSED</u> |
|--|----------------------------|-------------------|--------------------|---------------------|--------------------|---------------|
| 76-345 | Mitchell, William Aiton | F | F | F | F | |
| 70-413 | Patty, John Harlan | F | P | P | P | |
| * 77-643 | Ross, Thomas John | Ex | Ex | P | P | 3,4 |
| 73-290 | Snyder, Jack Duane, Sr. | F | P | P | P | |
| 72-542 | Strouse, David Frank | F | F | P | P | |
| 75-492 | Taylor, Allen Richard | P | P | P | F | |
| 76-85 | Wright, Edward Dickenson | F | F | P | F | |
| <u>INDUSTRIAL ENGINEERING</u> | | | | | | |
| * 77-635 | Bailey, James Edward | Ex | Ex | P | P | 3,4 |
| <u>MECHANICAL ENGINEERING</u> | | | | | | |
| * 77-334 | Barnes, Darryl L. | P | P | P | P | 3,4 |
| * 77-590 | Brevick, Lonnie Lee | Ex | Ex | P | P | 3,4 |
| 76-23 | Brown, Larry Leroy | P | P | F | F | |
| * 77-402 | Drost, Barry Dean | P | P | P | P | 1,2,3,4 |
| 76-199 | Fisher, Richard Ernest | P | P | P | P | 1,2 Record |
| 72-106 | Gallagher, Roger William | P | P | P | P | 1 Record |
| * 77-630 | Ghan, Robert James | Ex | Ex | P | P | 3,4 |
| * 71-279 | Haak, Charles Edward | P | P | P | P | 3 |
| 76-20 | Hartman, Paul Oliver | P | P | F | P | |
| 77-549 | Hero, John Richard, Jr. | F | F | F | F | |
| * 77-328 | Hodge, Michael Frederick | P | P | P | P | 1,2,3,4 |
| 72-599 | Hoffarth, Richard C. | Ex | Ex | F | P | |
| 77-642 | Laine, Roger Alan | P | P | F | F | 1,2 |
| 77-401 | Meraz, Julio Cesar | F | F | P | P | 3,4 |
| 70-432 | Miller, Marion Edward | F | F | P | P | |
| * 77-532 | Price, Mike Steven | Ex | Ex | P | P | 3,4 |
| * 78-14 | Quill, Joseph Stephen, Jr. | Ex | Ex | P | P | 3,4 |
| 78-49 | Roberts, Timothy Ainslie | P | P | F | F | 1,2 |
| * 77-523 | Schwaln, Robert James | P | P | P | P | 1,2,3,4 |
| 78-10 | Schwartz, Steven Douglas | Ex | Ex | F | P | 4 |
| 77-213 | Shaub, Fred Eugene | P | P | F | F | 1 |
| 77-660 | Shonerd, Wesley A. | Ex | Ex | F | P | 4 |

MECHANICAL ENGINEERING (Continued)

| | PART I | PART II | PART III | PART IV | PASSED |
|--------------------------------------|-----------|------------|-------------|------------|--------|
| 77-594 Singh, Rajinder | Ex | Ex | F | P | 4 |
| 77-252 Thies, Joel O. | P | P | P | F | |
| 77-641 Thornberry, Harold Louis, Jr. | P | P | F | F | 1,2 |
| 76-535 Weakland, Bernard Harold, Jr. | P | P | P | F | 2 |
| 77-140 Williams, Dwayne A. | Ex | Ex | P | F | 3 |
| 77-509 Williams, Meredith Lawrence | Ex | Ex | F | P | 4 |
| 77-382 Wilson, Gregory Calvin | Ex | Ex | F | F | |
| 77-425 Woolsoncroft, Howard Lee | P | P | F | P | 1,2, 4 |

MINING ENGINEERING

| | | | | | |
|--|----|----|---|---|------|
| * 77-432 Johnson, Thomas Curtis | Ex | Ex | P | P | 3,4 |
| * 77-326 Phillips, Stephen Henry Elliott | P | P | P | P | 1, 3 |

NUCLEAR ENGINEERING

| | | | | | |
|-------------------------------|----|----|-----|-----|---|
| 77-130 McKlveen, John William | Ex | Ex | DNA | DNA | |
| * 76-530 Stirland, Meade A. | Ex | Ex | P | P | 3 |

SANITARY ENGINEERING

| | | | | | |
|-----------------------------------|---|---|---|---|---|
| 77-573 Willis, Brayton Perry, Jr. | F | F | P | F | 3 |
|-----------------------------------|---|---|---|---|---|

STRUCTURAL ENGINEERING

| | PART I | PART II | PART III | PART IV | PART V | PART VI | PASSED |
|------------------------------------|-----------|------------|-------------|------------|-----------|------------|--------|
| * 77-45 Ahmed, Moizuddin | Ex | Ex | P | P | P | P | 5 |
| * 75-472 Bianchi, Richard Jesse | P | P | P | P | P | P | 5,6 |
| * 77-155 Biondolillo, Louis Philip | Ex | Ex | EX | Ex | P | P | 5 |
| * 74-283 Gutt, Tadius J. | Ex | Ex | P | P | P | P | 5 |
| * 75-309 Linder, Barry Murray | Ex | Ex | Ex | Ex | P | Ex | 5 |
| 78-8 Stevens, Alexander | Ex | Ex | Ex | Ex | F | F | |
| * 78-9 Weingart, Daniel | Ex | Ex | Ex | Ex | P | P | 5,6 |
| 77-597 Willer, Myron A. | Ex | Ex | Ex | Ex | P | F | 5 |

| <u>GEOLOGIST</u> | | <u>PART I</u> | <u>PART II</u> | <u>PART III</u> | <u>PART IV</u> | <u>PASSED</u> |
|-----------------------|--------------------------------|-------------------|--------------------|---------------------|--------------------|---------------|
| 77-1 | Armstrong, Edward J. | F | F | P | F | 3 |
| 75-244 | Langland, Leo Lee | Ex | Ex | F | P | |
| * 75-20 | Tepel, Robert Edward | P | P | P | P | 2 |
| * 77-561 | Turek, Frank Stanley | Ex | Ex | P | P | 3,4 |
| <u>LAND SURVEYING</u> | | | | | | |
| 77-290 | Alcocer, Richard | P | P | F | F | |
| 76-26 | Andrews, Jeffrey Lynn | P | F | P | P | |
| 77-349 | Barbee, William Francis | P | F | F | F | |
| 74-419 | Bowlin, Gerald Ray | P | P | F | F | |
| 77-467 | Braden, Larry David | P | F | P | F | 1, 3 |
| 77-634 | Brugger, Norman Dale | P | F | F | F | |
| 77-418 | Buchanan, Jack Alfred | P | P | P | F | 1,2,3 |
| 76-304 | Burns, Robert Dwight | P | Ex | P | F | 3 |
| 77-315 | Carne, James Louis, Jr. | P | P | F | F | |
| * 77-638 | Cook, Richard Dennis | P | P | P | P | 1,2,3,4 |
| 76-65 | Courtney, John Everett | P | P | P | F | 3 |
| 77-608 | Evans, Roy Lee | F | F | F | F | |
| 72-653 | Engle, Thomas Edwin | P | P | F | F | |
| 71-148 | Garcia, Ernest G. | F | P | F | P | |
| 74-181 | Gardiner, Theodore Ernest, Sr. | P | F | P | F | 3 |
| 77-598 | Gingles, William James, Sr. | F | F | F | F | |
| 76-268 | Hall, James Joseph | P | P | F | F | 2 |
| 76-47 | Horacek, Jerry Lee | F | F | P | F | 3 |
| 76-34 | Kehart, Richard William | P | P | F | F | |
| 77-293 | Murrey, David Howard | P | P | F | F | 2 |
| 77-109 | Muth, James Edward | P | F | F | F | 1 |
| * 75-194 | Myers, Harry LeRoy | P | P | P | P | 3 |
| * 77-331 | Myers, Terry Lon | P | P | P | P | 3,4 |
| 74-297 | Payton, Donald Wayne | F | F | F | F | |
| 71-281 | Pidskalny, Robert Andrew | P | P | P | F | 2,3 |
| * 74-37 | Potts, Robert Clifford | Ex | Ex | P | P | 4 |
| 77-12 | Prescott, Steven Reed | P | P | P | F | 3 |

| <u>LAND SURVEYING (Continued)</u> | | <u>PART I</u> | <u>PART II</u> | <u>PART III</u> | <u>PART IV</u> | <u>PASSED</u> |
|-----------------------------------|--------------------------|-------------------|--------------------|---------------------|--------------------|---------------|
| 77-226 | Rice, George William | P | F | F | F | |
| 77-57 | Robberson, Allen Gregory | P | F | F | F | |
| 77-174 | Sanchez, Carlos | F | F | F | F | |
| * 77-23 | Short, John Edward | P | P | P | P | 4 |
| 72-628 | Smith, Romain Harold | P | P | F | F | |
| * 75-327 | Sticht, Brian George | P | P | P | P | 2 |
| 77-645 | Stone, Dale Wayne | F | F | P | F | 3 |
| 76-194 | Thornhill, James Dewey | P | P | P | F | 3 |
| 77-119 | Whitmer, Larry Kay | F | P | F | F | 2 |
| 76-237 | Wight, Dan Lynn | P | P | P | | 3 |
| * 77-31 | Winkler, Lynn Ames, Jr. | P | P | P | P | 1,2,3,4 |

GEOLOGIST-IN-TRAINING

| | | |
|------|----------------------------|---|
| 77-1 | Bales, James Thomas | F |
| 78-2 | Banks, Elizabeth Young | F |
| 78-3 | Cordy, Gail E. | F |
| 78-1 | Murphy, Barbara Harrington | F |

ENGINEER-IN-TRAINING

| | | | | | |
|--------|-------------------------|---|----------|-------------------------|---|
| 78-77 | Alexander, Douglas E. | P | 78-37 | Bradel, John Edward | P |
| 78-15 | Allgood, Robert W. | P | 78-105 | Brewer, Roger Allyn | P |
| 78-7 | Anastopoulos, Perry | P | 78-38 | Brickley, Daniel Arthur | P |
| 78-121 | Appelin, Barbara Louise | F | * 77-135 | Bro, William J. | P |
| 78-21 | Aubeny, Charles P., Jr. | P | * 77-219 | Brown, Lewis E. | P |
| 78-140 | Babonis, Paul A. | P | 78-8 | Bruggeman, David W. | P |
| 76-8 | Ballesteros, Louis C. | F | 78-40 | Bunch, Michael John | F |
| 78-69 | Banaie, Mohammad Sadegh | F | 77-24 | Cambier, James S. | F |
| 78-134 | Barber, Ronald Lawrence | P | 78-85 | Capelik, Jaye Beverly | P |
| 78-11 | Barnett, Karen S. | P | 78-39 | Casper, Ronald James | F |
| 78-31 | Bawolek, Edward J. | P | 78-106 | Castro, Frank G. | P |
| 78-137 | Beard, Brandon L. | P | 77-136 | Cawood, Carl G. | F |
| 78-29 | Beck, William Daniel | P | 78-41 | Clester, Donald Michael | P |
| 77-26 | Boisvert, Albert E. | F | 78-42 | Collings, William E. | F |
| 78-35 | Bond, James Earl | P | 74-127 | Cooper, Marvin Glynn | F |

ENGINEER-IN-TRAINING (Continued)

| | | | | | |
|----------|---------------------------|----|----------|---------------------------|---|
| 78-102 | Cortes, Gary J. | F | 78-26 | Hollman, William | P |
| 78-108 | Cropper, Richard Denton | P | 78-53 | Hopkins, Mark Lee | P |
| 78-107 | Crotwell, Stephen Martin | P | 78-9 | Huber, Ronald D. | F |
| * 78-109 | Cummings, Robert Adams | P | 78-99 | Huerta, Olaff G. | F |
| * 78-144 | Daemmer, Johnathan E. | P | * 78-96 | Jacobson, Randall James | P |
| 78-78 | Dangremond, John Robert | P | * 78-141 | Jensen, Andrew Wallace | P |
| 78-98 | Daniel, Larry | F | 78-133 | Kabitzke, James H., Jr. | P |
| 78-43 | Daniels, Brian L. | P | 78-113 | Kain, Steven Joseph | P |
| 78-44 | Darlington, Elizabeth S. | P | 78-114 | Keegan, Miles William | P |
| 78-83 | DeBoer, Richard A. | P | * 78-54 | Kendall, Shawn B. | P |
| 78-45 | Disbrow, David A. | F | 78-90 | Kingston, Keith Alan | P |
| 78-138 | Duff, Dennis Alan | P | 78-55 | Krall, George W. | F |
| 78-89 | Dunn, Jay Arthur | P | 78-100 | Lewis, Geoffrey A. | F |
| 78-5 | East, Randall L. | F | 78-1 | Light, Mark Curtis | P |
| 78-92 | Eckerman, Gregory J. | P | 78-122 | Lowry, William Edward | P |
| 78-46 | Emerson, Asher D. | F | 75-205 | Luebkin, Dennis | F |
| 78-110 | Ensign, Timothy T. | P | 78-56 | Luke, Dennis M. | F |
| 78-47 | Gauthier, Dale | P | * 78-115 | Luke, Russell A. | P |
| 77-176 | Gerlach, James W. | F | 78-36 | Lyall, Albert Neil, III | F |
| * 78-135 | Germain, Albert E. | P | 78-57 | Mach, John Theodore | P |
| 78-91 | Giesaking, Kurt Allen | P | 77-131 | Maldonado, Larry M. | F |
| 78-104 | Gill, Edward Joseph | P | 78-22 | Mallec, Dann L. | F |
| 78-48 | Gilliss, Mark Brian | P | 78-81 | Miller, Michael Leon | P |
| 78-49 | Gonzales, Steven Charles | P | 77-142 | Morreale, Antonio | F |
| 78-79 | Griffith, Ruben Donald | F | * 78-2 | Morris, James F. | P |
| * 78-50 | Guertin, James M. | P | * 78-58 | Morris, William F. | P |
| 78-88 | Guth, Marshall Claude | P | * 78-59 | Murray, Steven A. | P |
| 78-25 | Hamlin, Loren Dirk | P | 78-23 | Oberndorfer, Alan James | F |
| 78-51 | Harris, James E. | P | 78-18 | Orlowski, John Michael | P |
| 77-173 | Hartman, Diane J. | F | 78-84 | Ortiz, Jesus Lorenzo | P |
| 78-111 | Hill, Charles C. | P | 78-60 | Owen, Thomas Charles | P |
| 78-80 | Hill, Thomas J. | P | 78-115 | Packer, Thomas A. | P |
| * 78-52 | Hinch, Phillip James, Jr. | P | 78-61 | Panuska, Brian Robert | P |
| 78-19 | Hinderer, Grant Kelly | F | 77-132 | Passarelli, Raymond James | F |
| 78-112 | Holler, Frank Eric | P. | 78-62 | Peace, Edwin Eugene | P |

ENGINEER-IN-TRAINING (Continued)

| | | | | | |
|---------|--------------------------|---|----------|---------------------------|---|
| 78-87 | Perdok, Bill | F | * 78-101 | Thrall, Patrick James | P |
| 77-23 | Perez, Joe E. | F | 78-73 | Toerpe, Daniel K. | P |
| 78-63 | Perreault, Richard G. | P | * 78-82 | Tognoni, David O. | P |
| 78-117 | Pina, Raul Francisco G. | P | 78-28 | Tom, Jeffrey J. | P |
| 78-20 | Prouty, Leslie Jean | P | 78-12 | Travis, Richard Charles | F |
| 78-10 | Rakkrathok, Somchet | F | 78-146 | Travis, William H. | P |
| * 77-15 | Ramos, John | P | 78-16 | Tribolet, David Clement | P |
| 78-86 | Rauscher, John Alfred | P | 78-74 | Trimble, Thomas Hollie | P |
| * 78-64 | Reynolds, Robert David | P | 78-27 | Vannoni, Michael Geoffrey | P |
| 78-65 | Riddle, Jeffrey Robert | P | * 78-75 | Victory, Thomas F. | P |
| 78-66 | Roden, David Bruce | P | 78-95 | Voight, David Robert | P |
| 78-24 | Romero, Jesus G. | P | 78-142 | Walters, David Alan | P |
| 78-67 | Rudy, Thomas | F | 78-130 | Weeks, Thomas Harrison | F |
| * 78-68 | Rule, Timothy T. | P | * 78-17 | White, Noel | P |
| 78-124 | Rustad, Clifford I. | P | 78-6 | Wilcox, Gary Paul | F |
| 78-34 | Sams, Keith Elam | P | * 78-33 | Wilkerson, Paul Ronald | P |
| 78-136 | Schaller, Curil David | F | 78-143 | Wilkey, William P. | P |
| 78-93 | Schroder, Steven W. | P | 78-3 | Willan, Vernon O. | P |
| 78-132 | See, Charles L. | P | 78-136 | Wilson, Dennis C. | P |
| * 78-14 | Shacter, Stuart Barnett | P | * 78-119 | Winsor, Michael John | P |
| 78-4 | Small, George N. | F | 78-125 | Wise, Ann E. | F |
| 78-13 | Smith, Stephen Hall | P | 78-30 | Woodson, Mark Wynter | P |
| 78-139 | Sollinger, Nancy | P | 78-76 | Young, David Frank | P |
| 78-145 | Spencer, Gerald William | F | * 78-94 | Zipf, Richard Karl, Jr. | P |
| 78-70 | Stadnisky, Steven | P | * 77-220 | Zwickl, Keith Duane | P |
| 78-147 | Stamps, Michael Howard | P | | | |
| 78-128 | Stein, James Albert | P | | | |
| * 78-71 | Stephens, Frank Anderson | P | | | |
| * 78-72 | Sublette, William Robert | P | | | |
| 78-123 | Sutton, Thomas W., Jr. | P | | | |
| 78-118 | Talavera, Mardonio M. | P | | | |
| 78-97 | Tang, Rodney L. | P | | | |
| 76-124 | Teets, Jon W. | F | | | |
| 78-103 | Thomas, Edward Gerald | P | | | |

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

SEPTEMBER 8, 1978

The meeting of the State Board of Technical Registration was called to order by Mark Edson, Chairman, in Room 200 of the Commerce Building, 1601 West Jefferson, Phoenix, Arizona on Friday, September 8, 1978 at 9:15 A.M.

ROLL CALL

Present

F. Mark Edson, Chairman
Rod J. Gomez, Vice Chairman
Sam Caruso
Kemper Goodwin
R. A. Jimenez
Charles B. O'Bannon
John B. Trimble

Absent

Patrick H. Porcarello
Wayne O. Earley

Those present constituted a quorum.

It was moved by Dr. Jimenez and seconded by Mr. Goodwin that the minutes of the board meeting on July 21, 1978 be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report

REPORT OF THE RULES AND BY-LAWS COMMITTEE

Mr. Trimble reported that the committee had not met, but that the committee members had been sent copies of some proposed changes for their comments. He requested that the board members submit any proposed changes. The proposed changes will be typed and mailed to the board members prior to the board meeting, and all needed changes should be in final form by the December board meeting.

REPORT OF THE LEGISLATIVE COMMITTEE

No report.

REPORT OF THE EVALUATION AND EXAMINATION COMMITTEESArchitectural Committee Report

The Architectural Evaluation Committee report of August 25, 1978 is shown as Minute Pages 4067 - 4072.

Mr. Kemper Goodwin moved that Items 1 through 4 of the report be approved and implemented. Dr. Jimenez seconded the motion. The motion carried.

In regard to Item 5 of the Architectural Evaluation Committee report pertaining to Mr. Anthony P. Cosentino, 77-339, Architect and Mr. Joseph T. Colosa, 77-528, Architect, who had requested reconsideration of their failing grades, Mr. Goodwin explained at length to the board the grading procedures by the National Council of Architectural Registration Boards. Mr. Goodwin made the motion that the failing grades of Mr. Cosentino and Mr. Colosa, as originally certified by the Board, be upheld. This motion was seconded by Dr. O'Bannon. The motion carried.

Mr. Kemper Goodwin then made a motion that the Board continue its present policy of not releasing to the applicants the scores of their passed exams. Dr. Jimenez seconded this motion. The motion passed with four ayes, three nays.

In reviewing Mr. Cosentino's and Mr. Colosa's examinations, the committee had prepared an evaluation summary and requested that the Board grant them permission to mail the summaries to the applicants.

Mr. Goodwin made a motion that these summaries be mailed to Mr. Colosa and Mr. Cosentino. Dr. O'Bannon seconded the motion. Motion carried.

Mr. Goodwin moved that the results of the Qualifying Test given in June 1978 and shown as part of the Architectural Evaluation Committee report be certified by the Board. Dr. Jimenez seconded the motion. Motion carried. (See Minute Pages 4069-4072.)

Landscape Architectural Evaluation Committee Report

The Landscape Architectural Evaluation Committee Report is shown as Minute Pages 4073-4074.

Mr. Goodwin moved that this report be accepted and implemented by the Board as presented. Dr. Jimenez seconded the motion. Motion carried.

Engineering Evaluation Committee Report

Chittenden, Rolland Royce, 78-240, Electrical Engineer

Mr. Chittenden appeared before the board to request reconsideration of the Evaluation Committee's recommendation that he be held for written examinations. Mr. Chittenden based his request upon his extensive experience of the past 27 years.

Mr. Caruso moved that the Board uphold the Committee's recommendation in regard to Mr. Chittenden. Mr. Gomez seconded the motion. The motion carried.

Savicky, John Lee, 78-104, Mechanical Engineer

Mr. Savicky appeared before the Board to request that he be allowed to review his examination of April 1978. Dr. Jimenez moved that Mr. Savicky be allowed to review a copy of his examination in the presence of the Executive Director. The motion was seconded by Dr. O'Bannon. Motion carried.

Spinks, John Lee, 78-104, Mechanical Engineer

Mr. Spinks had requested reconsideration of the Committee's recommendation that he be held for examinations and had requested registration by comity. Mr. John Trimble moved that the Board uphold the Committee's recommendation that Mr. Spinks be held for Parts 3 and 4 of the examination. Mr. Rod Gomez seconded the motion. Motion carried.

Cummings, David, 78-258, Geologist

Mr. Cummings requested that the Board reconsider the Committee's recommendation that he be held for examinations and requested that he be granted registration by comity. After carefully reviewing Mr. Cummings' request, Mr. Trimble moved that the Board uphold the Committee's action and that Mr. Cummings be held for examination. This motion was seconded by Dr. Jimenez. Motion carried.

Singh, Rajinder, 77-594, Mechanical Engineer

Mr. Singh personally appeared before the Board to request that the Board review his failing grade on Part 3 of the April 1978 examination. Mr. Singh detailed to the Board his experience and background and explained how he believed the examination was misleading. The Board directed the Executive Director to review with Mr. Singh the examination and to report the results of this review to the Board.

On July 21, 1978 the Board directed the Engineering Examination Committee to review with the grader the June 1978 examination results for Part 6, Structural Engineering. On August 4, 1978 after the review was completed the Committee Chairman polled all members of the Committee concerning the findings of the review; all members accepted the test results determined by the review and unanimously recommended to the Board that the test results be certified by the Board. At the direction of the Chairman, the Executive Director on August 10, 1978 polled by telephone all Board members and received their unanimous acceptance of the Committee's recommendation and the resulting granted list. The certified test results and approved granted list appear below:

| | | |
|--------|------------------------|---|
| 75-472 | Bianchi, Richard Jesse | P |
| 78-8 | Stevens, Alexander | F |
| 78-9 | Weingart, Daniel | P |
| 77-597 | Willer, Myron A. | P |

STRUCTURAL ENGINEERING

| | |
|-------------------------|-------|
| Bianchi, Richard Jessee | 11899 |
| Weingart, Daniel | 11900 |
| Willer, Myron A. | 11901 |

It was moved by Mr. John Trimble and seconded by Dr. Jimenez that the above actions of the Engineering Examination Committee members and Board members be ratified by the Board. Motion carried.

The Engineering Evaluation Committee Report of August 30, 1978 is shown as Minute Pages 4075 - 4080.

It was moved by Mr. Sam Caruso that those of Items 1 through 14, which have not previously been acted upon in this meeting, be approved and implemented by the Board. Dr. Jimenez seconded this motion; motion carried.

Regarding Item 15 of the Engineering Evaluation Committee Report which concerns the Geologist-In-Training exams, Dr. O' Bannon moved that the comments and examples received from Cordy, Banks & Murphy be forwarded to the examination preparers with instructions to broaden the field of the examination and to prepare a minimum of twenty questions with the possibility of increasing this number in the future. Dr. Jimenez seconded the motion. Motion carried.

Item 16 of the Engineering Evaluation Committee Report was delayed for discussion and decision under New Business.

DENIALS

It was moved by Dr. Jimenez and seconded by Mr. Gomez that the following applicants are to be denied with neither prejudice nor refund at their request. Motion carried.

| | | |
|------------------------|--------|----------------------|
| Gething, Frank | 77-610 | Mechanical Engineer |
| Chaix, Alfred V. | 78-159 | Architect |
| Little, Stephen Curtis | 78-82 | Architect |
| Mithun, Omer L. | 78-94 | Architect |
| Cooper, Marvin Glynn | 74-127 | Engineer-in-Training |
| Morris, Lawrence W. | 78-100 | Electrical Engineer |
| Morris, Lawrence W. | 78-122 | Mechanical Engineer |

It was moved by Dr. Jimenez and seconded by Mr. Trimble that the following applicants for professional registration, having completed the personal audience and all other requirements of this Board, be granted registration and assigned the registration numbers as indicated. Motion passed.

ARCHITECTURE

Baker, Edward Frank 11902
 Balmer, Wesley Robert 11903
 Bracamonte, Robert Adrian 11904
 Currie, Dempsey ValGene 11905
 Dorman, Richard Lee 11906
 Duff, Berry Noel 11907
 Erickson, Richard John 11908
 Fagin, Edward A. 11909
 Fancher, Robert Michael 11910
 Fonce, Randall J. 11911
 Gibson, Lee 11912
 Grigsby, David Cecil 11913
 Hedenkamp, William Bernhard 11914
 Horton, Theodore Lyonell 11915
 Hutchison, Randall Lee 11916
 Jarchow, John Frederich 11917
 Jervis, David Clark 11918
 Johnson, Kenneth Wayne 11919
 Kelly, Charles Everett 11920
 Kessler, Francisco W. 11921
 Kirby, Edward Cromartie 11922
 Lesnick, Christopher Michael 11923
 McElwee, Ivan L. 11924
 McLandress, Robert Shannon 12011
 Miller, Richard Lyle 11925
 Mommaerts, Louis H. 11926
 Morgan, Jack Hubert 11927
 Nalu, Michael 11928
 Phelps, James Newton 11929
 Sack, Bradley Taylor 11930
 Scheibe, Wayne Russell 11931
 Sexton, Douglas Robert 11932
 Sheriff, Garth Irving 11933
 Sobin, Harris Junius 11934
 Starkweather, Richard Paul 11935
 Steinberg, Goodwin Barney 11936
 Trossen, Duane Anthony 11937
 Wadley, James Lee 11938

Wang, Samuel C.M. 11940
 Weith, George James 11941
 Ziehn, William Charles 11942
 Zimmer, Jerry A. 11943
 Connick, Stan Jay 12012

LANDSCAPE ARCHITECTURE

Coffeen, Jeffrey Hale 12008
 Cure, Peter Edward 12009
 Roundy, Newell James 12010

AGRICULTURAL ENGINEERING

Smith, James Lee 11944

CIVIL ENGINEERING

Beck, Charles Joseph 11945
 Benjamin, William Gregory 11946
 Brinkerhoff, Spencer LeRoi, Jr. 11947
 Califf, Joseph Mark, Jr. 11948
 Cardenas, Tomas, Jr. 11949
 Chao, Robert Chi-ming 11950
 Collister, William Peter 11951
 DeWalt, Dennis W. 11952
 Dierberger, John Michael 11953
 Epstein, Philip 11954
 Firnkas, Josef Sepp 11955
 Freggiaro, Ernest Joseph 11956
 Glover, Norman James 11957
 Graham, Ralph E. 11958
 Hansen, George Owen, Jr. 11959
 Kramrisch, Fritz 11960
 Lange, Fred, Jr. 11961
 Larrington, James Kenneth 11962
 Lopez-Cepero, George Anthony 11963
 Miller, Eugene Arundel 11964
 Moro, Albert John, Jr. 11965
 Naylor, Clyde Richard 11966
 Noonan, Mark Edward 11967
 O'Donnell, Hugh Wilson 11968
 Powers, John Andrew 11969
 Radmaker, Mark Karl 11970
 Randle, Charles John 11971
 Reeder, Milton Elwyn 11972
 Remensperger, Thomas Robert 11973
 Smith, Merritt Eastman 11974
 Strahm, Lawrence Everett 11975
 Trotta, Paul D. 11976
 Watson, Ralph Evans 11977
 Welsh, Gary Philip 11978
 Wolf, Denis P. 11979

ELECTRICAL ENGINEERING

Aguilar, Jorge 11980
 Clay, Homer Burton 11981
 Gerzine, Robert Dallas 11982
 Hunnicutt, Alan Lee 11983
 Lemos, Alfonso 11984
 Mayes, Joseph Edmond, Jr. 11985
 McClellan, Dallas L., Jr. 11986

MECHANICAL ENGINEERING

| | |
|---------------------------|-------|
| Kurtz, Norman David | 11987 |
| Loraso, Paul Robert | 11988 |
| Melichar, Michael Joe | 11989 |
| Mistretta, Charles Joseph | 11990 |
| Moritz, Terence P. | 11991 |
| Perkins, Ray M. | 11992 |
| Smith, Eric John | 11993 |
| Sundberg, Paul Leon | 11994 |
| Van Etten, Clair C. | 11995 |
| Woods, Herbert Pierson | 11996 |

METALLURGICAL ENGINEERING

| | |
|------------------------|-------|
| Dresher, William Henry | 11997 |
| Thompson, David Lang | 11998 |

MINING ENGINEERING

| | |
|-----------------------|-------|
| Evans, Waymon Darrell | 11999 |
|-----------------------|-------|

SANITARY ENGINEERING

| | |
|----------------------|-------|
| Schmidt, Curtis John | 12000 |
|----------------------|-------|

STRUCTURAL ENGINEERING

| | |
|-----------------------|-------|
| Larway, Calvin Thomas | 12001 |
|-----------------------|-------|

LAND SURVEYING

| | |
|----------------------------|-------|
| Butler, James Stephen | 12002 |
| Clausen, David Christian | 12003 |
| Cronk, Gene Edward | 12004 |
| Famas, Raymond S. | 12005 |
| Madson, Torben Severin, II | 12006 |
| Naylor, Clyde Richard | 12007 |

ARCHITECT-IN-TRAINING

| | |
|------------------------|-----|
| Bellamy, Karen | 272 |
| Bogott, Kent Gordon | 273 |
| Brown, Thomas F. | 274 |
| Cooke, Ted Robert | 275 |
| Cox, Brian Douglas | 276 |
| Hallmark, Michael | 277 |
| Heft, Barden R. | 278 |
| Higgins, Joseph Heber | 279 |
| Hopkins, William David | 280 |
| King, Myson Brian | 281 |
| Niemiec, Leonard R. | 282 |
| Oliver, David Lamar | 283 |
| Roy, Arnold | 284 |
| Saxton, Richard Earl | 285 |
| Umber, Dennis C. | 286 |
| Vorum, Ida | 287 |
| Woods, Fred E. | 288 |
| Young, Jerry Irving | 289 |

ENGINEER-IN-TRAINING

| | |
|---------------------------|------|
| Allgood, Robert W. | 1973 |
| Aubeny, Charles P., Jr. | 1974 |
| Barnett, Karen S. | 1975 |
| Bawolek, Edward J. | 1976 |
| Beard, Brandon L. | 1977 |
| Beck, William Daniel | 1978 |
| Brickley, Daniel Arthur | 1979 |
| Guth, Marshall Claude | 1980 |
| Hill, Thomas J. | 1981 |
| Hollman, William | 1982 |
| Kain, Steven Joseph | 1983 |
| Lewis, Brett A. | 1984 |
| Light, Mark Curtis | 1985 |
| Miller, Michael Leon | 1986 |
| Panuska, Brian Robert | 1987 |
| Pina, Raul Francisco G. | 1988 |
| Riddle, Jeffrey Robert | 1989 |
| Romero, Jesus G. | 1990 |
| Sollinger, Nancy Anne | 1991 |
| Stein, James Albert | 1992 |
| Tribolet, David Clement | 1993 |
| Vannoni, Michael Geoffrey | 1994 |
| Willan, Vernon O. | 1995 |
| DeBoer, Richard A. | 1996 |
| Eckerman, Gregory J. | 1997 |
| Peace, Edwin Eugene | 1998 |
| See, Edwin Eugene | 1999 |
| Siewert, Dennis Oliver | 2000 |
| Thomas, Edward Gerald | 2001 |

LANDSCAPE ARCHITECT-IN-TRAINING

| | |
|------------------|----|
| Wittwer, Gary D. | 14 |
|------------------|----|

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Dr. Jimenez made a brief report regarding some of the results of the NCEE meeting which he attended recently.

Dr. O'Bannon reported that he is compiling a list of publications and is going to ask them if they would be interested in publishing a short newsletter from the Board. He hopes to have their response by the next Board meeting.

Mr. Edson reported that the Dean of the College of Architecture at Arizona State University had informally invited the Board to visit the College of Architecture. He had referred this matter to Dr. O'Bannon. Dr. O'Bannon believes that the new Dean of Engineering at Arizona State University will issue a similar invitation. The Board agreed that such visits could be beneficial.

Mr. Edson that he had been appointed as NCARB Regional 6 representative on the national task force on registration, which will study the problems regarding the examination of architects.

Dr. O'Bannon reported that he has received notice from NCEE that he has been placed on an Engineering Council for Professional Development committee.

Dr. Jimenez reported that Northern Arizona University had just been reviewed by ECPD and that NAU's accreditation has been extended for four more years.

Dr. Charles O'Bannon proposed that the Board meeting in March be held at the University of Arizona and that the December Board meeting be held at Arizona State University. The Board agreed with this proposal if the details can be arranged.

REPORT OF THE BUDGET COMMITTEE

Mr. Gomez, Chairman of this Committee, presented the budget request and moved that the budget be accepted. Mr. Trimble seconded the motion. Motion carried.

Mr. Edson pointed out that this budget was based on an increased level of fees. The discussion regarding increasing fees was delayed until the Executive Director's Report.

Colosa, Joseph T., 77-528, Architect

Although the Board already had acted upon Mr. Colosa's request regarding his examination, Mr. Colosa now appeared before the Board to request that he be allowed to make a lengthy presentation to support his opinion that the examination was faulty. Chairman Edson asked Mr. Colosa to present his argument briefly. After hearing Mr. Colosa, the Board informed him that their decision had been made earlier, and that there seemed to be no reason to alter their decision.

REPORT OF THE EXECUTIVE DIRECTOR

The Executive Director's Report is shown as Minute Pages 4081-4084.

Mr. Cassidy discussed the budget planning and possible fee increases. The Board instructed him to make a study of the application fees and examination fees. His recommendations are to be referred to the Rules and By-Laws Committee so that any fee changes can be included in their revisions of the rules. The Board agreed that the renewal fees should be increased to \$15.

It was moved by Mr. Gomez and seconded by Mr. Caruso that the penalty fee for late renewal be increased to 50% of the renewal fee. Motion carried.

After extensive discussion, the Board decided to retain its policy of making refunds to applicants who have been denied registration by initial Board action.

The Board then discussed the costliness of the annual report and considered the savings to be made by eliminating the numerical listing of registrants. It was moved by Mr. Goodwin and seconded by Mr. Trimble that the numerical listing be eliminated. The motion was unanimously passed.

Mr. Cassidy informed the Board that he has been invited to attend the annual meeting of ASCE in October and asked to take part in a discussion there, and he asked the Board to decide whether or not he should participate in such activities. The Board decided that it would be good public relations for Mr. Cassidy to attend outside meetings and to take part in such discussions.

It was moved by Mr. John Trimble and seconded by Mr. Sam Caruso that NCEE's policy regarding the use of reference materials during examinations be adopted by this Board. Motion carried.

Langland, Leo Lee, 75-244, Geologist

Mr. Langland now appeared before the Board regarding his request, which the Board had previously acted upon. Mr. Langland based his request upon alleged discrepancies in the exam. The Board took no further action.

UNFINISHED BUSINESS

Complaint - TUNICK, S. ROBERT vs. OBERG/HUNT/GILLELAND, Architects.
(Mr. Caruso was excused from this matter.)

Based upon the affidavit and exhibits presented by Mr. Tunick and upon the response (with enclosures from the City of Phoenix fire and safety officials) requested by the Board from Oberg/Hunt/Gilleland, the Board found that Oberg/Hunt/Gilleland had satisfactorily refuted the allegations of the complaint, and the Board therefore dismissed the complaint against Oberg/Hunt/Gilleland.

It was moved by Dr. O'Bannon and seconded by Mr. Gomez that the Executive Director should so inform all parties of this complaint. Motion carried.

Complaint - FULLER, GORDON C. and ALICE L. vs. JOHN DELLISANTI,
Architect.

A motion was made by Mr. Kemper Goodwin and seconded by Mr. Rod Gomez that Mr. and Mrs. Fuller be informed that from the evidence that had been submitted to the Board, the Board could find no reason to discipline Mr. Dellisanti and the Board believes this to be a civil matter rather than one of Mr. Dellisanti's competency. Motion carried.

Complaints - BOLLIN, EDGAR M. vs. MICHAEL, GEORGE P., Jr.
BOARD OF TECHNICAL REGISTRATION vs. L.B. TAYLOR (Sierra
Testing and Engineering, Inc.)

Dr. O'Bannon made a motion that Mr. Bollin be informed by Mr. Cassidy that L. B. Taylor is no longer offering technical services as a non-registrant and has complied with the Board's Notice to Cease and Desist. This motion was seconded by Mr. Trimble; motion passed. Mr. Cassidy was instructed to check the Sierra Vista telephone directory to ascertain whether or not Mr. Bollin, a registered geologist, is offering engineering services.

At the July 21, 1978 Board meeting, Mr. John C. Varga suggested to the Board that a committee be appointed to study the electronics field and to make recommendations to the Board for possible exercise of its jurisdiction in the field.

It was moved by Mr. Gomez and seconded by Mr. Trimble that the Executive Director write a letter to Mr. Varga, explaining the Board's position regarding the addition of new branches of engineering to be included under the jurisdiction of this Board. Motion carried.

NEW BUSINESS

Schedules of Examinations to be given November 4-5, 1978 and December 11-12, 1978 were approved. Schedules shown on Minute Pages 4085-4086.

The following meeting dates were approved:

| | |
|-------------------------|-------------------------------|
| Evaluation Committees | |
| Architectural | November 8-9, 1978 |
| Landscape Architectural | November 16, 1978 |
| Engineering | November 16, 17, 20, 21, 1978 |
| Board Meeting | December 7, 1978 |

Item 16 of the Engineering Evaluation Committee's Report was discussed by the Board, and the Board's position is that all registrants shall comply with all state laws affecting professional practice and the Board shall exercise its jurisdiction to assure such compliance.

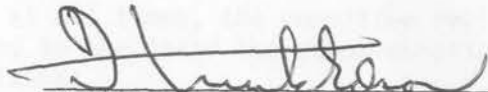
The Board directed Mr. Cassidy to respond to Mr. William J. Ekstrom, Jr.'s letter, assuring him that Mr. Shipley and other land surveyors are to be notified to comply with all laws regarding the recording of surveys.

Further, the Board directed Mr. Cassidy to mail with the renewal notices a notice to all registrants that they must comply with all laws pertaining to their field.


Chairman Mark Edson, on behalf of the Board, presented to the past Chairman, Dr. Rudolph A. Jimenez a specially customized plaque in recognition of his leadership and service during his term of office. Dr. Jimenez expressed his appreciation to the Board for their cooperation, and thanked the Board for this recognition.

ADJOURNMENT

The meeting was adjourned at 3:45 P.M.



CHAIRMAN



SECRETARY

August 25, 1978

TO: State Board of Technical Registration
 FROM: Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met August 10-11, 1978 in Phoenix, Arizona with the following members present:

F. Mark Edson
 Kemper Goodwin

There being a quorum present at all times, the committee reviewed the following applicants and makes to the Board the recommendations shown regarding registration in Arizona:

1. The following applicants, having appeared before the committee and satisfied the committee that they are fully qualified (including the treatise on seismic forces) to receive architectural registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

| | | | |
|-----------------------------|--------|----------------------------|--------|
| Baker, Edward Frank | 78-93 | Mommaerts, Louis H. | 78-73 |
| Currie, Dempsey ValGene | 78-396 | Morgan, Jack Hubert | 77-579 |
| Dorman, Richard Lee | 78-241 | Nalu, Michael | 78-92 |
| Fonce, Randall J. | 78-322 | Phelps, James Newton | 78-249 |
| Gibson, Lee | 78-225 | Sack, Bradley Taylor | 78-271 |
| Hedenkamp, William Bernhard | 78-243 | Sheriff, Garth Irving | 78-357 |
| Horton, Theodore Lyonell | 78-224 | Starkweather, Richard Paul | 77-389 |
| Jervis, David Clark | 78-382 | Steinberg, Goodwin Barney | 78-226 |
| Kelly, Charles Everett | 78-321 | Trossen, Duane Anthony | 78-354 |
| Kirby, Edward Cromartie | 78-247 | Wadley, James Lee | 78-299 |
| McElwee, Ivan L. | 78-377 | Wang, Samuel C. M. | 78-383 |
| McLandress, Robert Shannon | 78-193 | Weith, George James | 78-198 |
| Miller, Richard Lyle | 78-227 | Zimmer, Jerry A. | 78-252 |

2. The following applicants, having appeared before the committee for a personal audience interview, need demonstration of additional evidence of their proficiency (ARS 32-123.B), and it is recommended to the Board that these individuals be held for written examinations in December 1978 and June 1979:

| | | |
|-----------------------------|--------|----------------------------|
| Bragg, Thomas Ingram | 78-268 | Professional |
| Froeb, Charles Frederick II | 78-352 | Professional |
| Heft, Barden Randolph | 78-270 | Qual. Test E, Professional |
| Houghton, Jack Edward | 78-244 | Qual. Test, Section E |
| Kimball, William T. | 78-144 | Qual. Test, Section E |

Continued...

| | | |
|-----------------------|--------|-------------------------------------|
| Love, James Ray | 78-324 | Qual. Test, Section E |
| Saivetz, Richard | 78-376 | Qual. Test, Section E |
| Solocheck, Arlen Mark | 78-353 | Professional |
| Stockton, Paul Barten | 78-250 | Qual. Test, Section E, Professional |
| Wetzel, Thomas Joseph | 78-301 | Qual. Test, Section E, Professional |

3. The following applicant, having appeared before the committee for a personal audience interview, is hereby referred to the full Board for further consideration:

Read, Donald Lee 78-191

4. The following applicants, having been advised three times that they were scheduled to appear before the committee for a personal audience interview and having failed to do so, are hereby recommended to the Board for denial of their applications for failure to complete the requirements of the Board within a reasonable length of time:

Brethauer, Gene Eddy 77-650
Walsh, Dennis Franz 78-12

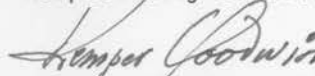
5. As directed by the Board at its June 16, 1978 meeting, the Architectural Evaluation Committee reviewed the requests of applicants Joseph T. Colosa, 77-528, Architect, and Anthony P. Cosentino, 77-339, Architect, for reconsideration of their failing grades on the December 1977 Professional Examination. The examination of both applicants were rescored, and the original failing scores verified as correct. The reasons expressed by each applicant, both in letters, petitions and appearances made before the Board on June 16, 1978 for waiving the failing scores on Part III, Design Technology, were considered fully. The committee recommends that these failing grades, as originally certified by the Board, be upheld.

Mr. Colosa, in a letter dated July 19, 1978 further requested that he be allowed to participate in the Committee's review of his basic request for reconsideration. The Committee did not invite Mr. Colosa to the review and believed that no useful purpose would be gained by his participation in that review. A full explanation of the Committee's review efforts and decisions has been prepared for the information of Mr. Colosa, and the Committee recommends that it be sent to him.

Mr. Cosentino, in a letter dated July 21, 1978, further requested the scores to Parts I, II, and IV of the December 1977 Professional Examination (all parts were passed). The letter is attached as Minute Page. Because it is Board policy not to release grades of parts of the Professional Examination to applicants, except failing grades, the Committee recommends the Board adhere to the policy.

The Architectural Exam Committee met August 25, 1978 in Phoenix, Arizona to review the results of all parts of the Qualifying Test given in June 1978. The Committee recommends that the results as shown on the pages following this report be certified.

Respectfully submitted,



Kemper Goodwin, Chairman

ARCHITECTURAL EXAMINATIONS

04069

JUNE 13-14, 1978

| ARCHITECTS | | Arch. Theory A | Const.Theory & Practice B,C,D | Design & Site Plan. E.1, E.2 | Passed |
|------------|------------------------------|----------------------|-------------------------------------|------------------------------------|--------|
| Number | NAME | | | | |
| 77-525 | Al-Alawi, Kama1 | F | F | F | |
| * 77-205 | Balmer, Wesley Robert | | | P | E |
| * 77-138 | Bracamonte, Robert Adrian | | | P | E |
| 78-209 | Brookfield, Ronald | | | F | |
| 77-528 | Colosa, Joseph Thomas | | | F | |
| * 76-589 | Connick, Stan Jay | | | P | E |
| 72-103 | Coracides, Basilio B. | | F | | |
| 78-152 | Dercks, David William | | | P | E |
| 73-84 | Dixon, Charles W. | | | F | |
| 77-180 | Dooling, David Paul | | | F | |
| * 77-132 | Duff, Berry Noel | | | P | E |
| 78-1 | Eaton, Bruce Edward | F | F | P | E |
| * 78-171 | Erickson, Richard John | | | P | E |
| * 75-201 | Fagin, Edward A. | | | P | E |
| 77-167 | Famous, George W. | P | NT | F | A |
| 78-136 | Felder, Larry Joe | | | P | E |
| 76-385 | Fischbach, George Thomas | | | F | |
| 72-135 | Fraunhoffer, Herman, Jr. | F | F | | |
| 77-199 | Frerking, Michael Huebert | | | F | |
| * 76-391 | Grigsby, David Cecil | | | P | E |
| 75-479 | Hinkle, Clyde Wallace | F | | | |
| 77-483 | Hodges, Thomas Ronald | | | F | |
| 75-98 | Hubbard, Kenneth Joseph | | | F | |
| * 77-498 | Hutchison, Randall Lee | | | P | E |
| * 77-362 | Jarchow, John Frederich | | | P | E |
| * 75-511 | Johnson, Kenneth Wayne | | | P | E |
| 78-118 | Jonas, Glenn Allen | P | F | P | A,E |
| 76-448 | Kelly, Tommy James | | | F | |
| * 77-249 | Kessler, Francisco W. | | | P | E |
| 71-318 | Kopecek, Josef Robert | | | F | |
| * 77-464 | Lesnick, Christopher Michael | | | P | E |
| 76-116 | Lewis, Robert Ansley | | | P | E |
| 74-538 | Lucero, Edward Horta | F | F | | |
| 78-194 | McCollum, Tommy Robert | | | F | |

ARCHITECTURAL EXAMINATIONS
JUNE 13-14, 1978

04070

| ARCHITECTS | | Arch. Theory A | Const.Theory & Practice B,C,D | Design & Site Plan. E.1, E.2 | Passed |
|------------|--------------------------|----------------------|-------------------------------------|------------------------------------|---------|
| Number | NAME | | | | |
| 77-514 | Nolan, James Arthur | | | F | |
| 76-134 | Otwell, William S. | | | F | |
| 77-430 | Patterson, Jon Barry | | | F | |
| 73-212 | Podolsky, William I. | | | P | E |
| 77-565 | Posedly, Jane Hamilton | | | P | E |
| 77-224 | Pujadas, Jose Cristobal | P | P | P | A,BCD,E |
| 78-46 | Ransom, William H. | F | F | | |
| 75-358 | Robison, Robert C. | F | | | |
| * 78-139 | Scheibe, Wayne Russell | | | P | E |
| 77-540 | Schmitt, David Leo | | | F | |
| * 77-493 | Sexton, Douglas Robert | | | P | E |
| * 74-601 | Sobin, Harris Junius | | | P | E |
| 77-114 | Walzer, Mitchell Barton | | | P | E |
| 78-58 | Whitcomb, Morris Kenneth | | | F | |
| 78-200 | Wilson, David Walter | | | P | E |
| * 77-275 | Ziehn, William Charles | | | P | E |
| * 77-359 | Fancher, Robert Michael | | | P | E |

ARCHITECTS-IN-TRAINING

| | | | | | |
|---------|---------------------------|---|---|---|---------|
| 78-3 | Adams, Vincent S. | P | F | P | A,E |
| 77-21 | Balbuena, D. Oscar R. | P | F | F | A |
| * 77-7 | Bellamy, Karen | | | P | E |
| * 78-16 | Bogott, Kent Gordon | P | P | P | A,BCD,E |
| 78-31 | Brizee, William A. | P | P | F | A,BCD |
| * 78-18 | Brown, Thomas F. | P | P | P | A,BCD,E |
| 78-36 | Burns, Robert William | P | F | F | A |
| 78-14 | Campbell, Gary A. | F | P | F | BCD |
| 78-33 | Chapman, Raymond E. | P | F | P | A,E |
| 75-104 | Christensen, Danny Dale | | | F | |
| * 78-11 | Cooke, Ted Robert | P | P | P | A,BCD,E |
| 78-2 | Coombs, Vivien Paternayan | P | P | F | A,BCD |
| * 78-12 | Cox, Brian Douglas | P | P | P | A,BCD,E |
| 77-3 | Dawson, Bruce L. | | | F | |
| 78-38 | Dounay, Kent Douglas | F | F | P | E |
| 78-35 | Duffy, Kevin Donald | F | F | P | E |

ARCHITECTURAL EXAMINATIONS

JUNE 13-14, 1978

04071

ARCHITECTS-IN-TRAINING

| Number | NAME | Arch. Theory A | Const.Theory & Practice B,C,D | Design & Site Plan. E.1, E.2 | Passed |
|---------|-----------------------------|----------------------|-------------------------------------|------------------------------------|---------|
| 78-21 | Fairbourn, Richard D. | P | F | P | A,E |
| 78-20 | Frost, Marc C. | P | P | F | A,BCD |
| * 78-26 | Hallmark, Michael | P | P | P | A,BCD,E |
| * 78-5 | Heft, Barden R. | P | P | P | A,BCD,E |
| * 77-15 | Higgins, Joseph Heber | | | P | E |
| 78-10 | Hill, Eric Jon | NT | NT | P | E |
| * 77-12 | Hopkins, William David | | | P | E |
| 78-37 | Kellner, Robert G. | F | P | P | BCD,E |
| 78-40 | Kennedy, Keith Karl | P | P | F | A,BCD |
| * 77-1 | King, Myson Brian | NT | P | P | BCD,E |
| 78-48 | Larsen, William F. | P | F | F | A |
| 78-34 | Lauser, Lawrence C. | P | F | P | A,E |
| 75-109 | Lindquist, Bruce Lowell | F | P | | BCD |
| 76-8 | Lockhart, Brian | | | F | |
| 78-4 | Marcellus, Russell | P | P | F | A,BCD |
| 78-41 | Massengill, Robert Lee, Jr. | F | F | P | E |
| 78-42 | Maurer, James William | P | P | F | A,BCD |
| 78-43 | Meyer, James Chauncy Mead | F | P | F | BCD |
| 78-27 | Miller, Fidelis Leonard | P | F | F | A |
| 78-13 | Mittelstaedt, Jan M. | P | F | P | A,E |
| 78-44 | Morales, Roland C. | P | F | F | A |
| * 78-30 | Niemiec, Leonard R. | P | P | P | A,BCD,E |
| 77-4 | Nord, William Charles, IV | | P | F | BCD |
| * 77-17 | Oliver, David Lamar | | | P | E |
| 78-7 | Reigle, Richard M. | P | P | F | A,BCD |
| * 76-7 | Roy, Arnold | | | P | E |
| 77-5 | Saba, Gary M. | | | F | |
| 78-15 | Sandoval, Robert | P | F | F | A |
| * 78-47 | Saxton, Richard Earl | P | P | P | A,BCD,E |
| 78-24 | Sedor, Stephen E. | P | P | F | A,BCD |
| 78-32 | Slife, Curtis L. | P | F | F | A |
| 78-45 | Smith, Cheryl D. | P | F | P | A,E |
| 78-6 | Steill, Roger Wallace | P | F | F | A |
| 78-8 | Tibsherany, George F. | F | F | P | E |

ARCHITECTURAL EXAMINATIONS

JUNE 13-14, 1978

| ARCHITECTS-IN-TRAINING | | Arch. Theory | Const. Theory & Practice | Design & Site Plan. | Passed |
|------------------------|-----------------------|--------------|--------------------------|---------------------|---------|
| Number | NAME | A | B,C,D | E.1, E.2 | |
| 77-6 | Tilton, Webster, III | | F | F | |
| 78-25 | Uerkvitz, Kent J. | P | P | F | A,BCD |
| * 78-9 | Umber, Dennis C. | P | P | P | A,BCD,E |
| 78-19 | Vinson, Mark | P | P | F | A,BCD |
| * 78-28 | Vorum, Ida | P | P | P | A,BCD,E |
| 76-9 | Wagner, Paul Walter | | | F | |
| 78-22 | Willis, Dennis Wayne | P | P | F | A,BCD |
| 77-18 | Wong, Rodin Yin-Leung | F | F | | |
| * 78-23 | Woods, Fred E. | P | P | P | A,BCD,E |
| * 75-44 | Young, Jerry Irving | | | P | E |
| 78-46 | Younkin, Al Edward | P | F | P | A,E |

Respectfully submitted,



August 30, 1978

TO: STATE BOARD OF TECHNICAL REGISTRATION
FROM: LANDSCAPE ARCHITECTURAL EVALUATION COMMITTEE
SUBJECT: EVALUATION OF APPLICANTS

The Landscape Architectural Evaluation Committee met August 11, 1978 in Phoenix, Arizona with the following members present:

Wayne O. Earley
F. Mark Edson
Kemper Goodwin

There being a quorum present at all times, the committee reviewed the following applicant and makes to the Board the recommendation shown regarding registration in Arizona.

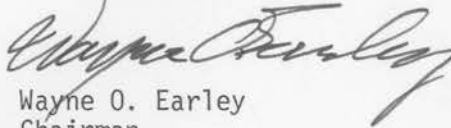
The following applicant, having appeared before the committee for a personal audience interview, needs demonstration of additional evidence of his proficiency (A.R.S. 32-123.B), and it is recommended to the Board that he be held for the written examinations in June 1979:

Payne, Elbert Don 78-248 Sections B and D

The Landscape Architectural Examination Committee reviewed the results of the landscape architectural examination given in June 1978. The committee recommends that the results as shown on the following page of this report be certified.

The Committee recommends to the Board that the recommendations of this report be accepted and implemented.

Respectfully submitted,


Wayne O. Earley
Chairman

LANDSCAPE ARCHITECTS

| No. | Name | History A | Prof. Prac. B | Design C | Design Implem. D | Passed |
|----------|-----------------------------|--------------|---------------------|-------------|------------------------|---------|
| 72-416 | Ashworth, Dean Frampton | F | | | | |
| * 77-452 | Coffeen, Jeffrey Hale | P | P | P | P | A,B,C,D |
| * 77-541 | Cure, Peter Edward | Ex | P | Ex | P | B,D |
| 78-197 | Leece, Michael Brian F. | F | F | F | F | |
| * 78-78 | Roundy, Newell James | P | P | P | P | A,B,C,D |
| 78-77 | Scott, William Taimage, Jr. | Ex | Ex | Ex | F | |
| 78-140 | Tumer, Savas M. | P | P | P | F | A,B,C |
| 76-139 | Nash, James Patrick | | | | F | |

LANDSCAPE ARCHITECTS-IN-TRAINING

| No. | Name | History A | Design C | Passed |
|--------|--------------------|--------------|-------------|--------|
| 78-3 | Abell, James Logan | P | P | A,C |
| 78-2 | Baranco, Bart J. | P | F | A |
| * 78-1 | Wittwer, Gary D. | P | P | A,C |

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

August 30, 1978

The Engineering Evaluation Committee met August 17,18,21,22, 1978 in Phoenix, Arizona with the following members present:

Sam Caruso
 Rod J. Gomez
 Rudolph Jimenez
 Charles E. O'Bannon
 John B. Trimble

There being a quorum present at all times, the committee reviewed the following applicants and now makes to the Board the recommendations shown regarding their professional registration in Arizona.

1. The following applicants, having appeared before the committee and having satisfied the committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and 32-126 are hereby recommended for registration:

AGRICULTURAL ENGINEER

Smith, James Lee 78-211

CIVIL ENGINEERS

Beck, Charles Joseph 78-333
 Benjamin, William Gregory 78-344
 Brinkerhoff, Spencer LeRoi, Jr. 78-312
 Califf, Joseph Mark, Jr. 78-263
 Cardenas, Tomas, Jr. 78-218
 Chao, Robert Chi-ming 78-274
 Collister, William Peter 78-284
 DeWalt, Dennis W. 78-255
 Dierberger, John Michael 78-332
 Epstein, Philip 78-175
 Firnkas, Josef Sepp 78-111
 Freggiaro, Ernest Joseph 78-283
 Glover, Norman James 78-150
 Graham, Ralph E. 78-201
 Hansen, George Owen, Jr. 78-277
 Kramrisch, Fritz 78-223
 Lange, Fred, Jr. 78-327
 Larrington, James Kenneth 78-302
 Lopez-Cepero, George Anthony 78-365
 Miller, Eugene Arundel 78-261
 Moro, Albert John, Jr. 78-208
 Naylor, Clyde Richard 78-55

CIVIL ENGINEERS (Cont.)

Noonan, Mark Edward 78-204
 O'Donnell, Hugh Wilson 78-70
 Powers, John Andrew 78-279
 Radmaker, Mark Karl 78-213
 Randle, Charles John 78-108
 Reeder, Milton Elwyn 78-207
 Remensperger, Thomas Robert 78-342
 Smith, Merritt Eastman 78-202
 Strahm, Lawrence Everett 78-184
 Trotta, Paul D. 78-307
 Watson, Ralph Evans 78-286
 Welsh, Gary Philip 78-126
 Wolf, Denis P. 78-235

ELECTRICAL ENGINEERS

Aguilar, Jorge 78-113
 Clay, Homer Burton 78-289
 Gerzine, Robert Dallas 78-290
 Hunnicutt, Alan Lee 78-67
 Lemos, Alfonso 78-293
 Mayes, Joseph Edmond, Jr. 78-185
 McClellan, Dallas L., Jr. 78-294

Continued...

MECHANICAL ENGINEERS

| | |
|---------------------------|--------|
| Kurtz, Norman David | 78-336 |
| Loraso, Paul Robert | 78-69 |
| Melichar, Michael Joe | 78-192 |
| Mistretta, Charles Joseph | 78-216 |
| Moritz, Terence P. | 78-120 |
| Perkins, Ray M. | 78-181 |
| Smith, Eric John | 78-297 |
| Sundberg, Paul Leon | 78-314 |
| Van Etten, Clair C. | 78-251 |
| Woods, Herbert Pierson | 78-265 |

METALLURGICAL ENGINEERS

| | |
|------------------------|--------|
| Dresher, William Henry | 78-187 |
| Thompson, David Lang | 78-340 |

MINING ENGINEER

| | |
|-----------------------|--------|
| Evans, Waymon Darrell | 78-305 |
|-----------------------|--------|

SANITARY ENGINEER

| | |
|----------------------|--------|
| Schmidt, Curtis John | 78-303 |
|----------------------|--------|

STRUCTURAL ENGINEER

| | |
|-----------------------|--------|
| Larway, Calvin Thomas | 78-206 |
|-----------------------|--------|

LAND SURVEYORS

| | |
|----------------------------|--------|
| Butler, James Stephen | 78-334 |
| Clausen, David Christian | 78-254 |
| Cronk, Gene Edward | 78-156 |
| Famas, Raymond S. | 78-203 |
| Madson, Torben Severin, II | 78-32 |
| Naylor, Clyde Richard | 78-56 |

2. The following applicants, having appeared before the committee for a personal audience interview, need demonstration of additional evidence of their proficiency (A.R.S. 32-123.B), and it is recommended to the Board that these individuals be held for the written examinations as indicated:

CHEMICAL ENGINEER

| | | |
|--------------------------|--------|---------------|
| Stephens, Frank Anderson | 78-256 | Parts 3 and 4 |
|--------------------------|--------|---------------|

CIVIL ENGINEERS

| | | |
|--------------------------|--------|-------------------|
| Arambel, Jean Marty | 78-222 | Parts 3 and 4 |
| Berkovitz, Barry Charles | 78-372 | Parts 1,2,3 and 4 |
| Bolduc, Stephen Louis | 78-363 | Parts 1,2,3 and 4 |
| Clark, John Edmund | 78-309 | Parts 3 and 4 |
| Daemen, Jaak Joseph K. | 78-347 | Parts 3 and 4 |
| Edler, Floyd Charles | 78-233 | Parts 3 and 4 |
| Gappinger, Elliott Dale | 78-262 | Parts 3 and 4 |
| Langer, Larry Lewis | 78-264 | Parts 3 and 4 |
| Lovstrom, Roger P. | 78-234 | Parts 1,2,3 and 4 |
| McCabe, James L. | 78-331 | Parts 1,2,3 and 4 |
| Paez, Antonio C. | 78-306 | Parts 3 and 4 |
| Reimer, Ronald Gene | 78-373 | Parts 3 and 4 |
| Saksena, Dharendra K. | 78-367 | Parts 1,2,3 and 4 |
| Sever, Bert William | 78-356 | Parts 3 and 4 |
| Spain, James Clark | 78-308 | Parts 3 and 4 |
| Sublette, William Robert | 78-313 | Parts 3 and 4 |
| Williams, Damon Scott | 78-374 | Parts 3 and 4 |

ELECTRICAL ENGINEERS

| | | |
|---------------------------|--------|-------------------|
| Chittenden, Rolland Royce | 78-240 | Parts 1,2,3 and 4 |
| Cooper, Marvin Glynn | 78-320 | Parts 1,2,3 and 4 |
| Jones, Kenneth Joseph | 78-246 | Parts 3 and 4 |
| Ward, John | 78-339 | Parts 3 and 4 |

Continued...

GEOLOGICAL ENGINEER

South, David L. 78-316 Parts 1,2,3 and 4

HIGHWAY ENGINEER

St. Jeor, LeRoy Afton 78-285 Parts 3 and 4

INDUSTRIAL ENGINEER

Hoffman, Albert 78-355 Parts 3 and 4

MECHANICAL ENGINEERS

Bagby, Philip Stephan 78-4 Parts 1,2,3 and 4
 Fox, Andrew John 78-269 Parts 1,2,3 and 4
 Gin, Donald M. 78-323 Parts 1,2,3 and 4
 Ishii, William Rin 78-245 Parts 3 and 4
 Jernberg, Evert Herman 78-117 Parts 3 and 4
 Spinks, John Lee 78-104 Parts 3 and 4
 Thrall, Patrick James 78-358 Parts 3 and 4
 White, Noel Robinson 78-267 Parts 3 and 4

METALLURGICAL ENGINEER

Nelson, Roger Raymond 78-282 Parts 3 and 4

SANITARY ENGINEER

Moore, Terry Lee 78-343 Parts 3 and 4

STRUCTURAL ENGINEERS

Furman, Hal M. 78-257 Parts 5 and 6
 McClanahan, Keith John 78-287 Parts 3,4,5 and 6
 Nelson, Fred Martin 78-212 Parts 5 and 6
 Parker, Barry Gale 78-311 Parts 5 and 6
 Pascoe, Morton Gerrard 78-188 Parts 1,2,3,4,5 and 6
 Singh, Hari Narain 78-236 Parts 1 and 2
 Zwickl, Keith Duane 78-275 Parts 3,4,5 and 6

ASSAYER

Schloatman, Marvin Dean 78-364 Part 1

GEOLOGISTS

Cousins, Noel Boyd 78-280 Parts 3 and 4
 Cummings, David 78-258 Parts 3 and 4
 Scherffius, William Edward 78-318 Parts 1 and 2

LAND SURVEYORS

Corsaro, James V. 78-278 Parts 1,2,3 and 4
 Dale, Edward E. 78-260 Parts 1,2,3 and 4
 DeWitt, Wendell Fred 78-304 Parts 1,2,3 and 4
 Easter, Jack A. 78-176 Parts 3 and 4
 Jones, Arvel Ray 78-390 Parts 1,2,3 and 4
 Morgan, Raymond Dale 78-230 Parts 1,2,3 and 4
 Mouland, Dennis James 78-276 Parts 1,2,3 and 4
 Nykorchuk, David John 78-346 Parts 1,2,3 and 4
 Speth, Alan W. 78-644 Parts 1,2,3 and 4

Continued...

3. The following applicants appeared before the committee, and it was determined that their applications should be denied for lack of experience of a character satisfactory to the Board under A.R.S. 32-122.A, with the refunds as shown:

| | | |
|---------------------|---------------------------------|---------|
| Civil Engineer | 78-317 Weaver, James Earl | \$10.00 |
| Mechanical Engineer | 78-326 Humphrey, David Michael | \$10.00 |
| Structural Engineer | 78-366 Hill, Kenneth Allan | \$10.00 |
| Land Surveyor | 78-259 Maakestad, Tallak Daniel | \$10.00 |

4. The following applicants were advised three times that they were scheduled for personal audience evaluation, and they made no response. Therefore, the Committee recommends to the Board that their applications be denied for failure to complete the requirements of the Board within a reasonable length of time:

| | |
|----------------|-----------------------------|
| Civil Engineer | 77-107 Mann, Thomas Richard |
| Land Surveyor | 77-564 Yoder, Craig Dean |

5. The Engineering Examination Committee met on August 18, 1978 and reviewed the results of the June 1978 Engineering Examination proctored by New Mexico and received after a delay on Robert Michael Robb. The committee recommends that the results as shown below be certified:

| | |
|-----------------------------|------|
| 74-655 Robb, Robert Michael | Fail |
|-----------------------------|------|

6. Cooper, Howard M. 75-546 Mechanical Engineer
A letter from Mr. Cooper requesting reinstatement of his application (denied by the Board on June 16, 1978) is attached. The committee recommends reinstatement. Minute Page 4087.
7. Showalter, William Richard
Mr. Showalter requests a waiver of a Board interview and authorization to take Parts 1 and 2 of the November 1978 exam. The committee recommends denial of the waiver request. The Committee further suggests that Mr. Showalter be advised to withdraw his application at this time, to take the E.I.T. exam in California for record purposes, and to reapply for Arizona registration after passing the E.I.T. exam. Minute Page 4088.
8. 11862 Barrow, John Talmage, Jr.
Mr. Barrow requests his scores on Parts 3 and 4 of the April 1978 exam (which were passing scores). The Committee recommends that the Board policy of not releasing test scores be upheld and that this request be denied. Minute Page 4089.
9. 76-10 Mercer, Donald Jay- Civil Engineer
Mr. Mercer requests reconsideration of his failing grade on Part 4 of the April 1978 exam. The committee recommends that Mr. Mercer's failing grade as previously certified by the Board be upheld. Minute Page 4090.
10. Langland, Leo Lee 75-244 Geologist
Mr. Langland requests reconsideration of his failing grade on Part 3 of the April 1978 exam. The committee recommends that Mr. Langland's failing grade as previously certified by the Board be upheld. The committee

Continued...

further recommends that a copy of Mr. Langland's suggestions and comments be forwarded to the exam preparers for their information. Minute Page 4091.

11. Singh, Rajinder 77-594 Mechanical Engineer

Mr. Singh requested reconsideration of his failing grade on Part 3 of the April 1978 examination. Mr. Singh based his request upon the belief that the language of Question 144 required a method of solution that could not be used. However, the NCEE solution guide suggested that very method of solution. The Committee recommends that Mr. Singh's failing grade as previously certified by the Board be upheld.

Mr. Singh further requested a Xerox copy of his solution book. The Committee recommends a personal review of the exam be allowed in the office of the Board under the direct supervision of the Executive Director or a Board member. Minute Page 4093-4094.

12. Kory, Raymond Edward 77-6000 Civil Engineer

Mr. Kory requested a personal review of Parts 3 and 4 of the April 1978 examination (which he failed). The Committee recommends a personal review be allowed in the office of the Board under the direct supervision of the Executive Director. Minute Page 4092.

13. Rosenstock, Hubert 76-260 Chemical Engineer

Mr. Rosenstock requested a personal review of Parts 3 and 4 of the April 1978 examination (which he failed). The Committee recommends a personal review be allowed in the office of the Board under the direct supervision of the Executive Director. Minute Page 4095.

14. McKlveen, John William 77-130 Nuclear Engineer

Mr. McKlveen again requests a waiver of examinations. The Committee recommends denial of the waiver request and further recommends denial of the application at the December 1978 Board meeting if Mr. McKlveen does not appear for the November 1978 examination. Minute Page 4096.

15. On June 16, 1978 the Board referred to the Engineering Evaluation Committee for their investigation and report the matter of the Geologist-In-Training exams, which was brought to its attention by letters from Cordy, Banks, Murphy and Dr. O'Bannon. After a review of the letters the Committee recommends that a copy of the comments and examples contained in the letters be forwarded to the exam preparers for their information and that a copy of these comments and examples be given to the Engineering Examination Committee for its use when reviewing the proposed November G.I.T. examinations. Minute Pages 4097-4099.

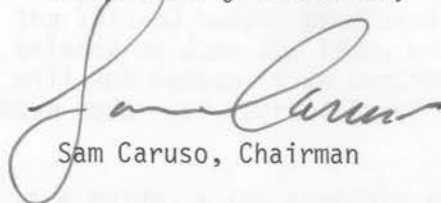
16. On March 3, 1978 the Board referred to the Engineering Evaluation Committee for its review the previous Board position that failure to record surveys (as required by A.R.S. 33-105) was not within the jurisdiction of the Board. This review was prompted by the letter of December 16, 1977 from William J. Ekstrom, Jr., Deputy County Attorney, Mohave County, after the Board had taken no action in the complaint filed by Mr. Ekstrom

Continued...

against Mr. Herb Shipley. (See attached Pages 4100-4101.) The Committee recommends that the Board's position should be that all registrants should comply with all state laws affecting professional practice and that the Board should exercise its jurisdiction to assure such compliance.

The Committee recommends to the Board that Recommendations 1 through 16 of this report be accepted and implemented.

Respectfully submitted,



Sam Caruso, Chairman

REPORT OF THE EXECUTIVE DIRECTOR

The 1979-80 budget was submitted on August 31 as required by law. It contains revisions suggested by the Budget Committee and a revision to estimated income based upon the general evidence that fee increases will be needed before July 1, 1979. Fee increases of 40-50 per cent were used in the budget submittal; the actual increase level is still to be determined.

Submitted budget expenses have included for the past several years about \$20,000 more for unforeseen examination costs and enforcement costs than have actually been spent. Consequently, the submitted budgets have always predicted a faster rate of depletion of the Technical Registration Fund than has actually occurred. For instance, the 1979-80 budget predicted a Technical Registration Fund with a negative balance on June 30, 1980, using the current fee schedule. Of course this will not happen if we continue to underspend by \$20,000 per year as we have under our current level of operations.

Using the current level of operations as a guide, a fee schedule increase of 20-25 per cent seems adequate. However, if the Board chooses to move more actively into enforcement and increase its level of activity there, then a greater increase in the renewal fee income is needed.

The Board will need to decide on this matter in order to guide the Budget Committee and the Director on the selection of necessary fee increases.

A comparison of budgeted and current level of operations is attached. Also attached is the Cash Flow Report for Aug. 31, 1978 and the report of the Technical Registration Fund for Fiscal Year 1977-78.

In order that the fee increases be effective by July 1, 1979, Article 3 of the Rules and By-laws will have to be changed by the normal legal process, beginning with a final committee report for initial Board action at the next regular Board meeting in December. It would be convenient if any other proposed Rules and By-laws changes could be made at the same time, with a new Rules booklet published next summer.

It is suggested that the Board consider the revising of the engineer, geology, and land surveyor professional examinations format to eliminate the four-hour, four- to six-part examination and to conform more closely with the national policies of eight-hour exams, with the morning and afternoon sections combined for grading. NCEE and ETS structure their exams as eight-hour exams and make no conscious effort to sub-divide their content into four-hour packets.

It is recommended that the Board consider the deletion of the refund provisions of R4-30-01. The amount of money involved is small (\$383 in 1977-78), and the administrative procedures necessary to make refunds is complex and expensive. The current rule (R4-30-29) on penalties for late renewal fees is also cumbersome to enforce. Perhaps a flat rate penalty of \$5 for a late renewal would be sufficient; it would encourage payment on time; it would require no office calculations; and it would eliminate the somewhat ludicrous penalties on two- and three-year late renewals.

The Annual Report is becoming more costly each year, and the Board might consider the savings to be made by eliminating the numerical list which takes up about 30 per cent of the report.

TECHNICAL REGISTRATION FUND

| Fiscal Year | 90% of Income | Budgeted Expenses | Budgeted Gain (Loss) | Budgeted Balance June 30 | Current Level Expenses | Current Level Gain (Loss) | Current Level Balance June 30 | Fee Schedule |
|-------------|---------------|-------------------|----------------------|--------------------------|------------------------|---------------------------|-------------------------------|-----------------|
| 1977-78 | 115,000 | 160,000 | (45,000) | NA | 140,000 | (25,000) | 95,000 | 1977 Rules |
| 1978-79 | 119,000 | 166,000 | (47,000) | 48,000 | 145,000 | (26,000) | 69,000 | 1977 Rules |
| * 1979-80 | 125,000 | 174,000 | (49,000) | (1,000) | 154,000 | (19,000) | 50,000 | 1977 Rules |
| * 1979-80 | 153,000 | 174,000 | (21,000) | 27,000 | 154,000 | (1,000) | 68,000 | 20-25% Increase |
| * 1979-80 | 179,000 | 174,000 | 5,000 | 53,000 | 154,000 | 25,000 | 94,000 | 40-50% Increase |

* Estimated incomes, gains (losses), and balances based on three fee alternates.

CASH FLOW REPORT
 TECHNICAL REGISTRATION FUND
 Fiscal Year 1978-79

AUGUST

| | |
|--|--------------------|
| Fund Balance as of July 1, 1978 | \$94,747.68 |
| Total Allocated Receipts, Year-to-Date | 2,958.53 |
| Total Expenditures, Year-to-Date | (18,126.05) |
| Outstanding Encumbrances, Year-to-Date | <u>(1,560.19)</u> |
| Fund Balance as of August 31, 1978 | <u>\$78,019.97</u> |

| | |
|------------------------------------|--------------|
| Lump Sum Appropriation for 1978-79 | \$167,000.00 |
| Allotment for First Quarter | \$41,775.00 |

| EXPENDITURES: | <u>AUGUST</u> | <u>YEAR-TO-DATE</u> |
|---------------------------|--------------------|---------------------|
| Personal Services | 4,150.86 | 8,301.71 |
| Employer-Related | 783.90 | 1,135.85 |
| Professional Services | -0- | 200.00 |
| Travel - In-State | 89.80 | 300.40 |
| Travel - Out-of-State | 1,041.04 | 1,041.04 |
| Other Operating Expenses: | | |
| Data Processing | 15.60 | 15.60 |
| Maintenance & Repairs | -0- | 71.50 |
| Office Supplies | 267.47 | 505.02 |
| Subscriptions | -0- | 24.00 |
| Rent | 4,051.50 | 4,051.50 |
| Telephone | 143.49 | 143.49 |
| Postage | 9.25 | 46.26 |
| Printing | 80.00 | 80.00 |
| Freight | -0- | 53.22 |
| Insurance | -0- | 335.00 |
| Xerox | 78.75 | 78.75 |
| Equipment | 742.70 | 742.70 |
| Revolving Fund | -0- | 1,000.00 |
| | <u>\$11,454.36</u> | <u>\$18,126.05</u> |

TECHNICAL REGISTRATION FUND

Fiscal Year 1977-78

| | |
|--|---------------------|
| Balance on deposit July 1, 1977 | \$119,917.02 |
| Total Allocated Receipts to Technical Fund | 114,921.67 |
| Total Expenditures | <u>(140,091.01)</u> |
| Balance on Deposit June 30, 1978 | <u>\$94,747.68</u> |

| | |
|------------------------------------|--------------|
| Lump Sum Appropriation for 1977-78 | \$160,800.00 |
|------------------------------------|--------------|

EXPENDITURES:

| | |
|------------------------------|---------------------|
| Personal Services | \$61,164.06 |
| Employer Related | 9,917.89 |
| Professional Services | 22,305.87 |
| Travel - In-State | 4,090.89 |
| Travel - Out-of-State | 3,872.71 |
| Other Operating Expenditures | |
| Rent | 8,381.00 |
| Maintenance & Repairs | 160.75 |
| Office Supplies | 4,037.54 |
| Printing | 8,648.74 |
| Postage | 7,930.64 |
| Telephone | 2,083.28 |
| Freight | 43.87 |
| Repro.Equip. & Microfilm | 1,070.76 |
| Organizational Dues | 2,632.00 |
| Insurance | 300.00 |
| Data Processing | 1,577.51 |
| Refunds | 382.50 |
| Equipment | <u>1,491.00</u> |
| | <u>\$140,091.01</u> |

State Board of Technical Registration

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS
1645 W. JEFFERSON, ROOM 315

PHOENIX, ARIZONA 85007

(602) 271-4053

SCHEDULE OF EXAMINATIONS
NOVEMBER 1978I. SATURDAY, NOVEMBER 4, 1978

Tempe, Arizona - Report to Room G150, Ground Floor of the Engineering Center at Arizona State University. Rooms G224, G228 and G236 on the Second Floor will also be used.

Tucson, Arizona - Report to Room 102, Humanities Building (Bldg.23) at the University of Arizona.

8:00 A.M. to 12:00 NOON

All professional engineering applicants held for Part I, Fundamentals of Engineering.

All professional geology applicants held for Part I, Basic Geology.

All land surveying applicants held for Part I, Surveying Techniques.

All assaying applicants held for Section I, Assaying Examination.

All professional structural engineering applicants held for Part V, Comprehensive Engineering Design.

All E.I.T. and G.I.T. applicants held for Section I of the in-training exam.

1:00 P.M. to 5:00 P.M.

All professional engineering applicants held for Part II, Fundamentals of Engineering.

All professional geology applicants held for Part II, Basic Geology.

All land surveying applicants held for Part II, Computations.

All assaying applicants held for Section II, Assaying Examination.

All professional structural engineering applicants held for Part VI, Structural Engineering Design.

All E.I.T. and G.I.T. applicants held for Section II of the in-training exam.

II. SUNDAY, NOVEMBER 5, 1978

Tempe, Arizona - Report to Room G150, Ground Floor of the Engineering Center at Arizona State University. Rooms G224, G228, and G236 on the Second Floor will also be used.

Tucson, Arizona - Report to Rooms 301 and 303 of the Civil Engineering Building at the University of Arizona.

8:00 A.M. to 12:00 NOON

Part III - Engineering Analysis - All branches of engineering.

Part III - Applied Geology

Part III - Land Surveying Rules and Regulations.

1:00 P.M. TO 5:00 P.M.

Part IV - Engineering Design - All branches of engineering.

Part IV - Geological Problems

Part IV - Land Surveying Legal Principles

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

SCHEDULE OF PROFESSIONAL EXAMINATION
FOR ARCHITECTS

DECEMBER 1978

RECEIVED
AUG 3 - 1978

State Board of Technical Registration
1645 West Jefferson, Room 315
Phoenix, Arizona 85007

Attn: LOCATIONS Charles M. Cassidy, Executive Director

PHOENIX, ARIZONA - Ramada East, Arcade Room, 3801 E. Van Buren
TUCSON, ARIZONA - Tucson Community Center, Mohave Room,
260 South Church

Gentlemen:

Mr. Drewry's letter to me of March 7, 1978 indicated the board's decision with regard to my exam score for part I of the November 1978 exam. I was not able to read Mr. MONDAY, DECEMBER 11, 1978 the last week in March because I was out of town.

8:00 A.M. - 11:30 A.M. Part I, Environmental Analysis

11:30 A.M. - 12:30 P.M. Lunch Time

12:30 P.M. - 4:00 P.M. Part II, Architectural Programming

Knowing that I did not have time to reply before the thirty day deadline for the April exam, nor the time to return to Arizona for the April exam, I decided to respond at a later time for the November exam. It was not clear to me that I was required to reply for the very next scheduled exam. I moved to Plano, Texas in December of 1977. My new job in Dallas has required extensive traveling and taking the April exam was just not possible.

TUESDAY, DECEMBER 12, 1978

When Mr. Cassidy's letter of June 16, 1978 I was confused but in our recent telephone conversation indicated that my failure to respond prior to the April 1978 exam deadline caused my application to be classified inactive and re-applied in the near future. Mr. Cassidy then advised me that an explanation and request for my application to be reinstated could be reviewed at next committee meeting in August. Any consideration that can be given to this request would be appreciated.

Respectfully yours,

Howard M. Cooper
Howard M. Cooper

P. S. Please respond to: 1302 Draxel Dr.
Plano, Texas 75074

04087

August 5, 1978

RECEIVED

AUG 3 - 1978

STATE BOARD TECHNICAL REGISTRATION

State Board of Technical Registration
1645 West Jefferson, Room 315
Phoenix, Arizona 85007

Attn: Mr. Earle M. Cassidy, Executive Director

Re: Request for reinstatement of application
for registration - Mechanical Engineer #75-546

Gentlemen:

Mr. Drewry's letter to me of March 7, 1978 indicated the board's decision with regard to my exam score for part 3 of the November 1978 exam. I was not able to read Mr. Drewry's letter until the last week in March because I was out of town.

Knowing that I did not have time to reply before the thirty day deadline for the April exam, nor the time to return to Arizona for the April exam, I decided to respond at a later time for the November exam. It was not clear to me that I was required to reply for the very next scheduled exam. I moved to Plano, Texas in December of 1977. My new job in Dallas has required extensive traveling and taking the April exam was just not possible.

When I received Mr. Cassidy's letter of June 16, 1978 I was confused but again could not respond until recently. Our recent telephone conversation indicated that my failure to respond prior to the April 1978 exam deadline caused my application to be classified inactive and re-application in one year would be required. Mr. Cassidy then advised me that an explanation and request for my application to be reinstated could be reviewed at next committee meeting in August. Any consideration that can be given to this request would be appreciated.

Respectfully yours,

Howard M. Cooper

Howard M. Cooper

P. S. Please respond to: 1302 Drexel Dr.
Plano, Texas 75074

CONSULTING ENGINEERS
 R. SHOWALTER & ASSOCIATES

RECEIVED

AUG 11 1978

STATE BOARD TECHNICAL REGISTRATION

August 8, 1978

Edward G. Drewry, Executive Director
 Arizona State Board of Technical
 Registration
 1645 West Jefferson, Room 315
 Phoenix, Arizona 85007

Dear Sir:

I made application for reciprocal registration as a Civil Engineer with the State of Arizona in 1977. The Board, in their review, determined that I met the qualifications for reciprocal registration as a Land Surveyor but, since I had not taken the E.I.T. examination, could not be reciprocally licensed as a Civil Engineer. Subsequently, I was issued a reciprocal L.S. with a request that I refile and take the E.I.T. examination.

Attached is my application for registration as a Civil Engineer in the State of Arizona. I would request waiving Board review at this time and ask to be put on the next scheduled E.I.T. examination.

Please let me know if there are any difficulties with this. Thank you very much for your assistance in the past.

Yours very truly,


 William R. Showalter

WRS:jc

595 NORTH ARROWHEAD AVENUE
 SAN BERNARDINO, CALIFORNIA 92401
 (714) 884-3275

RECEIVED

JUL 28 1978

July 27, 1978

John T. Barrow, Jr.

STATE BOARD TECHNICAL REGISTRATION Arizona Registration #: 11862

Mr. Earle M. Cassidy
Executive Director
Arizona State Board
of Technical Registration
1645 W. Jefferson, Rm. 315
Phoenix, AZ 85007

Dear Mr. Cassidy:

Thank you for your prompt letter of notification of my registration.

Enclosed is a check for \$7.75 payable to Stationers Corporation, as per your letter, for my registration seal.

Additionally, would you please advise me of my aggregate test score and, if possible, my scores of each of the individual problems. I am requesting this in order to be able to fully complete this learning experience, into which I have invested much study time and effort.

Thank you again for your and the Board's consideration in this proceeding.

Very truly yours,

John T. Barrow, Jr.
John T. Barrow, Jr.

JTBjr/iec
Enclosure

Donald J. Mercer
4650 N. 29th Drive
Phoenix, Arizona 85017

RECEIVED

AUG 11 1978

STATE BOARD TECHNICAL REGISTRATION

August 11, 1978

State Board of Technical Registration
1645 W. Jefferson, Suite 315
Phoenix, Arizona 85007

Dear Sir,

Re: Examination Review

In April of this year I took part 4 of the Civil Engineering examination. I am now registered as a Highway Engineer (#6336) by passing all four parts of the examination in 1966. I have been notified that I failed part 4 of the Civil Engineering exam this last April with a grade only 3 points below the passing grade (70). I respectfully request a review of my examination papers by the board at their convenience.


Donald J. Mercer

DM:ch

4228 N. 45th St.,
Phoenix, Az. 85018

04091

Arizona State Board of Technical Registration
1645 W. Jefferson
Phoenix, Az. 85007

RECEIVED

AUG 11 1978

Re: Geologist 75-244

Dear Sirs:

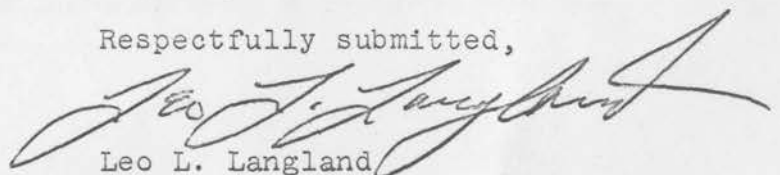
STATE BOARD TECHNICAL REGISTRATION

On the results of the Part 3 of Geologists Exam (63%) which I took in April, 1978, I wish the Board to review the exam in the following areas.

- 1) Valuable time was lost as a 10 problem answer sheet was given out for a minimum 12 problem exam.
- 2) The exam used to be a minimum 10 out of 15, now 12 out of 15, using roughly the same problems. Why?
- 3) The test used multiple question problems this time which before each question was considered sufficient for a 10 out of 15 exam. For example: problem 14 asked for a definition of secondary porosity plus a well drawn diagram of 2 types of wells. Problem 15 went into types of secondary permeability and porosity plus. How does one relate to the other. There are actually 4 problems or questions here which are given 2 problem credits on this test unlike when used before.
- 4) Problem 1 asked about engineering design problems in Yuma, and how to handle the earthquake forces. I answered using design criteria used by my office at Arizona Dept. of Transportation in dealing with earthquakes. How else?
- 5) Problem 2 was a trick question. The trick I guess was both mediums had the same velocity (implied by formula), therefore, no change in refraction. It was confusing to hide formulas away from the question.
- 6) Question 6 was about phosphate deposits in Arizona, a highly unlikely prospect economically now or in the future. Practical? Why not elements mined here now?
- 7) Question 11 (I think) was on mid-ocean ridges depositing hydrothermal metals. Most of these new theories have not only come out long since I graduated, but change annually.

I don't remember exactly all of the questions, but I would feel better if Mr. Joseph E. Fowells, your Geologist, would look it over and consider at least the areas mentioned. Whatever your judgement is, I feel the 7% points could be in those 12 problems, somewhere. Maybe the next time there will be some more practical, applied geology questions and maybe an open book test.

Respectfully submitted,



Leo L. Langland

LLL/bel

40

04092

RECEIVED

AUG 21 1978

17 Aug 1978 TECHNICAL REGISTRATION

RECEIVED

AUG 3 - 1978

MAIL ROOM TECHNICAL REGISTRATION

Arizona State Board of
Technical Registration
1645 W. Jefferson
Phoenix, Az. 85007

Director
Board of Technical Registration
1645 W. Jefferson, Room 315
Phoenix, AZ-85007.

Gentlemen:

This letter is a request to review my April, Civil Engineering examination. My intent is not to protest the score but to learn from my mistakes. I am concerned that I failed even the areas that I thought I was strongest in. Review of the exam would greatly help in planning a study program. I appreciate your consideration.

Sincerely,

Raymond Kory

Enclosed please find the \$10.00 examination fee for the November P.E. Exam.

Continued...

Tel: (602)938-5852

RECEIVED

AUG 3 - 1978

STATE BOARD TECHNICAL REGISTRATION

Rajinder Singh
 4309 W. Poinsettia Dr.
 Glendale, AZ-85304.
 August 2, 1978.

The Executive Director
 State of Arizona
 State Board of Technical Registration
 For Engineers
 1645 W. Jefferson, Room 315
 Phoenix, AZ-85007.

Gentlemen:

I am in receipt of your letter dated July 26, 1978, informing me that I have to appear again in Part 3 of Mechanical Engineering because my score is 67 %. I am aware that the board has to draw a line somewhere below which the examinees would be declared unsuccessful. However my being a marginal case and there being some misunderstanding in the language of one question of the question paper, I am appealing for reconsideration of my score on the following grounds.

I think that the question which I am referring to is the first question attempted by me in the answer book of part 3. If I am shown my answer book, then I can tell exactly the question which I am referring to. This is a question on steam nozzle where steam velocity was given and the candidates were asked to find steam conditions at various stages. The wording used in question was " CALCULATE". With my twenty years of professional experience, I write that in these type of questions if the word "Calculate" is used, the general understanding is to solve the problem using steam tables only and that the use of Molliers Chart is prohibited. If Mollier Chart is allowed then some indication is given by using the words like 'Determine' or 'By Calculation or Otherwise' etc. As the problem under reference used only the word 'Calculate'; I calculated the first part without Mollier Chart but was struck for the second part. I spent lot of time on this question and finally skipped this portion because I could not solve without Molliers Chart, and worked the remaining parts of the problem. I understand that this skipped portion can not be solved without the use of Mollier Chart. On left page of answer book, which is not evaluated, I even scribbled using mollier chart the values of skipped portion. I am mentioning this to emphasize that I knew how to solve the problem but was misled by wording of problem.

Continued.....

On the grounds as explained on the previous page, I appeal to the board that I should not be penalised because of the doubtful language of the problem. The board members would themselves be aware and can even consult any person or persons of their choice, if the general understanding is not to use Mollier Chart when the problem states 'Calculate'

I request the board to give me credit on above grounds and review my score and result. I also request that I may please be given zerox copy of my answer book. If I am given an audience ~~before~~, I can perhaps explain my case in more details.

Thanking you,

Very truly yours,

R Singh

(Rajinder Singh).

NOTE-

NCEE SOLUTION -

- 1- USE STEAM TABLES, TRIAL + ERROR SOLUTION
OR 2- USE MOLLIER CHART

Hubert Rosenstock
Hubert Rosenstock
1302 N. 34th Avenue
Phoenix, Arizona 85018

ARIZONA STATE UNIVERSITY

July 26, 1978

August 1, 1978

RECEIVED

AUG 3 - 1978

STATE BOARD TECHNICAL REGISTRATION

Mr. Earle M. Cassidy
Executive Director
State Board of Technical Registration
Phoenix, Arizona

Mr. Cassidy
Arizona State Board of
Technical Registration
1645 West Jefferson
Phoenix, Arizona 85007

RE: Chemical Engineer #76-260

Dear Mr. Cassidy:

I am requesting permission to review my examination papers referred to in your letter of notification, dated July 25, 1978.

I would appreciate it if this review could be held before the next examination, which your letter of notification states is scheduled for November, 1978.

Very truly yours,

Hubert Rosenstock
Hubert Rosenstock
13802 N. 34th Avenue
Phoenix, Arizona 85023

Looking ahead to April, 1979, I expect to be in charge of the American Nuclear Society Western Regional Conference for Students. I expect to be kept quite busy since the conference will be attended by students (and faculty) from schools west of the Mississippi with nuclear programs, and I am the nuclear program at ASU.

In view of my schedule, can we again request a waiver? If you need more references or documentation I would be most happy to provide them. Should I send you another \$20 to hold my application open? Thank you very much.

Yours truly,
John W. McKivern, PhD

ARIZONA STATE
UNIVERSITY

TEMPE, ARIZONA 85281

SCHOOL OF ENGINEERING

July 28, 1978

Mr. Earle M. Cassidy
Executive Director
State Board of Technical Registration
Phoenix, Arizona

RECEIVED
JUL 28 1978
STATE BOARD TECHNICAL REGISTRATION

Dear Mr. Cassidy:

In your letter dated July 26, 1978 you noted that I did not appear for the previous examination. Please refer to my letter dated April 10 and your reply dated June 27 for details. To date I have not been able to participate in either the November 1977 or April 1978 examinations. In your letter you note that the next examination will be held in November. Please be advised that I have already made several commitments for this month and they appear below;

- | | |
|------------|--|
| Nov. 5-7 | 5th Conference on Applications of Small Accelerators Denton, Texas |
| | INVITED PAPER: Multidisciplinary Applications of Fast Neutron Generators |
| Nov. 12-17 | American Nuclear Society Winter Meeting Washington, D.C. |
| | INVITED PAPER: Education and High-Level Waste Disposal |
| Nov. 17 | Nuclear Engineering Department, College of Engineering University of Virginia, Charlottesville, Virginia |
| | INVITED PAPER: Environmental impacts of uranium mining, milling and tailings disposal (or related topic) |

Thanksgiving Weekend: Traditionally we spend in Los Angeles.

Looking ahead to April, 1979, I expect to be in charge of the American Nuclear Society Western Regional Conference for Students. I expect to be kept quite busy since the conference will be attended by students (and faculty) from schools west of the Mississippi with nuclear programs, and I am the nuclear program at ASU.

In view of my schedule, can we again request a waiver? If you need more references or documentation I would be most happy to provide them. Should I send you another \$20 to hold my application open? Thank you very much.

Yours truly,

John W. McKlveen
John W. McKlveen, PhD

RECEIVED

MAY 25 1978

STATE BOARD TECHNICAL REGISTRATION

04097

2206 S. Granada #5
Tempe, Arizona 85282
May 24, 1978

Arizona Board of Technical Registration
1645 W. Jefferson
Phoenix, Arizona

Dear Sirs:

On April 15 of this year we, the undersigned, took Parts I and II of the Geologist-in-Training examination. As practicing geologists employed by a consulting firm, we would like to bring to your attention several aspects of the exam which we feel lack the quality and professionalism necessary for a state registration examination. Considering the purpose of the exam, we feel that it was not a fair and reasonable evaluation of the knowledge and skills required of a professional geologist. The following are preparational and technical errors that we noted in the exam:

- Poor proof reading and/or typographical errors. Specifically on the question concerning identification of contributors to geology, the name, Rene Wavy appeared. Since we have been unable to find any such person in geology texts, it seems likely that this was in fact a gross misspelling of the name, Rene Hauy. Thus, the question was more of a guessing game than a straight-forward question. On the same question the name, Louis Agassiz, was misspelled (Lousi Agassiz).
- The question requiring interpretation of a pressure-temperature diagram gave no units for either axis of the diagram.
- None of the materials necessary for solving the stereonet problem (i.e., stereonet, tacks, tracing paper) were provided at the beginning of the exam (Part II), nor were we informed that we were allowed to bring in such materials. On the contrary, the instructions stated that we were not to bring any paper into the exam. Only after one of the G.I.T. candidates brought this to the attention of the proctors, were we given a stereonet, 2 hours into the exam. No tacks or tracing paper were provided, leaving only the front page of the exam to be used to solve the problem.

The following comments represent our subjective evaluation of the exam.

- In comparison to the E.I.T. exam, the G.I.T. exam lacked a choice of questions. Engineers were given a choice of 150 questions on each section, of which they could answer all 150. The G.I.T. exam was comprised of 12 questions on each part, of which no more than 10 could be answered. The E.I.T. questions were multiple choice; the G.I.T. questions were essay.

- The E.I.T. exam is a national standardized examination, whereas the G.I.T. exam was obviously prepared without much thought or consideration of its purpose.
- Because the G.I.T. is an essay exam, scoring is necessarily subjective, while scoring of a multiple choice test such as the E.I.T. is objective and requires no interpretation on the part of the grader.
- The E.I.T. exam was open book, the G.I.T. was not. No reference materials were allowed. Why are Engineers-in-Training allowed this privilege, yet Geologists-in-Training are not?
- Several questions were not of a general or basic geologic nature (i.e., Part I, question on "ductility contrast"; Part II, question on massive volcanic sulfide deposits).
- Inequality of questions, i.e., some required a one-equation answer, others could only be clearly explained in several pages. However, all of the questions are equally weighted in scoring of the exam.
- Ambiguous and poorly constructed questions were present in both parts of the exam, i.e., Part I, question on the meaning of "reaction" in Bowen's reaction series; Part II, question on the chemical criteria for geochemical age dating. Several of the other questions were quite unclear as to what information was wanted.

In general, we feel that the exam questions were not representative for evaluation of a general geology background. We believe that Parts I and II of the Geologist-in-Training exam are inappropriately designed to test basic geologic knowledge and skills of applicants. It appears to us that no real organization has gone into the effort to design a fair and appropriate examination for the registration of geologists.

In comparison to the Engineer-in-Training examination, the geological exam is a hodgepodge of questions which totally miss the mark, i.e., to test the basic geologic knowledge and skills of all applicants, regardless of experience. As evidence of this, we suggest that you review your records and compare the rate of first-time failures for the E.I.T. vs. the G.I.T.. Considering that most of the applicants would be competent in some area of geology in order to take the exam, we suspect that the ratio of first-time successes to first-time failures for the G.I.T. exam will substantiate our belief that the Geologist-in-Training exam is inappropriately designed and poorly administered.

The purpose of the above comments and criticisms is to encourage you to reevaluate the G.I.T. exam so as to provide a more thorough and reasonable examination as a basis for registration of geologists in the State of Arizona. Because registration is intended to safeguard the public from

MOHAVE COUNTY ENGINEER - DEPARTMENT OF ENGINEERING

incompetent geologic work, we feel that the G.I.T. examination must be reorganized and rewritten to fulfill this purpose.

We would be more than happy to meet with the Board at their convenience to discuss our comments. We also enclose a series of sample questions from the geologist examination for the State of California. We feel these questions exemplify what should be expected of a geologist, in particular a geologist-in-training. Naturally, questions on the geology of Arizona could be substituted for those pertaining to California.

Thank you for your consideration.

Phoenix, Arizona 85007

Gentlemen:

Mohave County is attempting to urge compliance with AS 13-105 and 13-106 by all persons performing surveys within said County. The office of the County Surveyor now maintains complete files of all U.S.C. & G.S., U.S.O.S., U.S.S., U.S.G.L.O. monuments for use by the private surveyor. In order to add quality information to our files with current trends in the surveying industry, we wish to urge strict compliance by all practitioners.

Sincerely

Gail E. Cordy
Elizabeth Y. Banks
Barbara H. Murphy

The enclosed letter prepared by the County Surveyor is an attempt to urge such cooperation by all Registered Land Surveyors residing in Mohave County. It is possible to enclose this information on a statewide basis? The legal opinion regarding AS 13-105, 13-106 in paragraph 3 and 4 of the letter on same is respectfully requested.

Gail E. Cordy

Elizabeth Y. Banks

Barbara H. Murphy

Sincerely,
DEPARTMENT OF ENGINEERING

Jack M. Fisher
Jack M. Fisher, Eng. 0282
County Surveyor

JMK:ep
Enc. 1-2

04100

MOHAVE COUNTY ATTORNEY MOHAVE COUNTY ENGINEER - DEPARTMENT OF ENGINEERING

MOHAVE COUNTY COURTHOUSE • 4th & SPRING STREET • KINGMAN • ARIZONA 86401
PHONE 763-2141 EXT. 227, 228



Sam Tucker, P.E.
County Engineer

Jack M. Kesler, RLS, USMS
County Surveyor

January 27, 1977

Arizona State Board of
Technical Registration
1645 West Jefferson
Phoenix, Arizona 85007

Gentlemen:

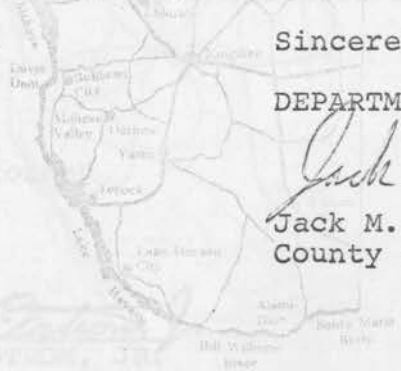
Mohave County is attempting to urge compliance with ARS 33-105 and 33-106 by all persons performing surveys within said County. The office of the County Surveyor now maintains complete files on all U.S.C. & G.S., U.S.G.S., U.S.B.R. and partial files of U.S.G.L.O. monuments for use by the private land surveyor, hence we wish to add quality information to our records in accordance with current trends in the surveying profession by requesting strict compliance by all practioners.

The enclosed letter prepared by the Mohave County Attorney is an attempt to urge such cooperation and has been sent to the 11 Registered Land Surveyors residing in Mohave County. Is it possible to enclose this information in a news letter on a statewide basis? The legal opinion regarding enforcement of ARS 33-105, 33-106 in paragraph 3 and your opinions and position on same is respectfully requested. Thank you for your time.

Sincerely yours,

DEPARTMENT OF ENGINEERING

Jack M. Kesler, RLS, USMS
County Surveyor



JMK:ep
Enc. - 2

WILLIAM J. ...
Deputy County Attorney

MOHAVE COUNTY ATTORNEY

MOHAVE COUNTY COURTHOUSE • KINGMAN • ARIZONA 86401



D. B. BABBITT
County Attorney

RECEIVED

December 16, 1977

STATE BOARD TECHNICAL REGISTRATION

Mr. Edward G. Drewry
Executive Director
State Board of Technical Registration
1645 West Jefferson
Phoenix, Arizona 85007

Patrick Porcarello, Secretary

Dear Mr. Drewry:

In light of your recent letter, it has become evident to me that there is either very little within the jurisdiction of your board or that you are not quite certain which if any matters are properly within your jurisdiction.

Accordingly, it is my intention to request the Governor and the Attorney General's Office to apprise us of the precise purpose of your existence. It seems incredible to me that you would insist that violation of a state law requiring recordation of surveys does not constitute professional misconduct by a licensed surveyor.

Very truly yours,

D.B. BABBITT
Mohave County Attorney

BY *William J. Ekstrom, Jr.*
WILLIAM J. EKSTROM, JR.
Deputy County Attorney

WJE/mh

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

DECEMBER 7, 1978

The meeting of the State Board of Technical Registration was called to order by Chairman Mark Edson in Room ECG-324, Engineering Center at Arizona State University, Tempe, Arizona on Thursday, December 7, 1978 at 9:55 A.M.

PRESENT:

Mark Edson, Chairman
Rod Gomez, Vice Chairman
Sam Caruso
Wayne Earley
Kemper Goodwin
R. J. Jimenez
Charles O'Bannon
John Trimble

ABSENT:

Patrick Porcarello, Secretary

Those present constituted a quorum.

It was moved by Mr. Trimble and seconded by Dr. O'Bannon that the minutes of the meeting of the Board on September 8, 1978 be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

Mr. Trimble reported that the Committee had been working on the changes to the Rules and By-Laws. Discussion of the Committee's report was deferred until later in the meeting after the Report of the Executive Director. The report is shown as Minute Pages 4122-4125.

REPORT OF THE EVALUATION AND EXAMINATION COMMITTEESArchitectural Committee Report

Mr. Goodwin presented the Architectural Evaluation Committee report of November 14, 1978 which is shown as Minute Pages 4108-4110.

It was moved by Mr. Goodwin and seconded by Dr. Jimenez that the Architectural Committee Report be accepted and implemented by the Board. Motion carried.

Eaton, Bruce E., 78-1, Architect

Mr. Eaton's request that the Board review the scoring of Sections A,B,C,D of the June 1978 Qualifying Test and that he be given the grades was discussed in great detail. (Letter shown as Minute Page 4111.) It was moved by Mr. Goodwin and seconded by Dr. Jimenez that Mr. Eaton's request for a review of the scoring of the test be granted and that he be given his passing grades as well as his failing grades. Motion carried.

It was moved by Dr. O'Bannon and seconded by Dr. Jimenez that all grades (passing or failing) be given to the applicants upon request. (This changes the Board's previous policy of releasing only failing grades.) Motion carried.

Code and Rules Test

The Architectural Committee referral to the Board for consideration the suggestion that the minimum passing score on the 20-question Code and Rules Test be raised from 14 to 15 was discussed.

It was moved by Dr. Jimenez and seconded by Mr. Caruso that the passing score of 14 be maintained, but that the applicants be notified that failure to pass would jeopardize the processing of the application by a period of time suggested by the Executive Director. Motion carried.

Qualifying Test and Experience Satisfactory To The Board

These two items which were a part of the Architectural Committee's report were deferred for discussion as part of the Rules and By-Laws changes.

Engineering Evaluation Committee

Linder, Harold William, 78-281 Mr. Linder had requested reconsideration of the Engineering Evaluation Committee's recommendation that he be held for written examinations. Mr. Caruso made a motion that the Committee's recommendation be upheld; the motion was seconded by Dr. O'Bannon. Motion carried.

Eyrich, Henry Theodore, 78-453 Mr. Eyrich requested that the Board reconsider the Engineering Evaluation Committee's recommendation that he be held for written examinations. It was moved by Mr. Caruso and seconded by Dr. Jimenez that the Board uphold the Committee's recommendation. The motion carried.

Singh, Rajinder, 77-594 Mr. Singh appeared before the Board to request that he be given a passing grade on Question 144 of Part 3 of the April 1978 examination. Dr. O'Bannon read to the Board an opinion from Professor Thornton Price of Arizona State University regarding Question 144 and then Dr. O'Bannon made a motion that Mr. Singh's request be denied and that the Committee's recommendation be upheld. Mr. Caruso seconded the motion. Motion carried.

McKlveen, John W., 77-130 Mr. McKlveen appeared before the Board to explain that his busy schedule is preventing him from taking the examinations recommended by the Committee and to request that the Board either waive the requirement for his examination or grant another extension, rather than deny his application for failure to complete the requirements of the Board within a reasonable length of time.

It was moved by Mr. Goodwin and seconded by Dr. Jimenez that the recommendation of the Committee be upheld and that Mr. McKlveen take Parts 3 and 4 of the Professional exam without delay. Motion carried.

Savicky, John Lee, 76-566 Mr. Savicky's request that the Arizona Board review his examination was considered fully by the Board. Mr. Earley moved and Dr. O'Bannon seconded that the Board uphold the Committee's recommendation that the Board not attempt to regrade Part 4 of the April 1978 Professional Engineering exam which was prepared and graded by NCEE. Motion carried.

Haines, Robert Thomas, 74-699 Mr. Haines appeared before the Board to request that the Board reconsider the Board's previous action to hold him for Parts 1 and 2 of the Professional Exam. Mr. Caruso made a motion that Mr. Haines be held for examination in Parts 1 and 2 as previously done by Board action; the motion was seconded by Dr. Jimenez. Motion carried.

The Engineering Evaluation Committee Report dated November 22, 1978 is shown on Minute Pages 4112-4115.

It was moved by Mr. Caruso and seconded by Mr. Trimble that Items 1 and 2 of the Engineering Evaluation Committee report be accepted and implemented by the Board. Motion carried.

Shelest, Timothy Charles, 78-174 It was moved by Dr. Jimenez and seconded by Dr. O'Bannon that the Committee's recommendation to deny a waiver of R4-30-01 D be upheld. Motion carried.

Freeman, Gilbert Norvell, 69-198 It was moved by Dr. O'Bannon and seconded by Dr. Jimenez that the Committee's recommendation be upheld. Motion carried.

Banks, Elizabeth Young, 78-2
Cordy, Gaile E., 78-3

It was moved by Mr. Trimble and seconded by Dr. O'Bannon that Ms. Banks' and Ms. Cordy's requests to review their failed examinations at the office of the Board in the presence of the Executive Director be granted. Motion carried.

Complaint of GODSEY, ERNEST E. vs. BARRETT, GEORGE T.

Mr. Goodwin made a motion that Mr. Godsey be notified that Mr. Barrett has notified the Board that he will cease and desist from using the title of engineer and has destroyed all business cards on which he used the title, and that this complaint file be kept open for another six months at which time investigations are to be made to make certain Mr. Barrett has indeed complied. Motion carried.

Landscape Architectural Committee Report

No report.

DENIALS Shown on Minute Page 4116.

GRANTED REGISTRATION Shown on Minute Pages 4117 - 4119.

REPORT OF PUBLIC INFORMATION COMMITTEE

Dr. Jimenez brought before the Board some information regarding the Iowa State Board of Engineering Examiners proposed rules concerning continuing education and development.

Mr. Edson reported that he had attended NCARB's Task Force meeting regarding problem areas in the examination process.

Mr. Cassidy, Executive Director, commented regarding the Newsletter which was mailed to registrants along with renewal notices.

Mr. Cassidy reported that he had been a guest speaker at the Papago Chapter of ASPE.

Dr. O'Bannon complimented Mr. Cassidy as recent guest speaker at a recent meeting of the Phoenix ASCE.

REPORT OF BUDGET COMMITTEE

No report.

REPORT OF THE EXECUTIVE DIRECTOR

The Executive Director's Report is shown as Minute Pages 4120 and 4121.

Engineering Examinations

It was moved by Mr. Trimble and seconded by Mr. Gomez that the engineering examinations be given on Thursday, Friday or Saturday but not on Sunday. Motion carried.

Evaluation Committee Meetings

It was moved by Mr. Goodwin and seconded by Dr. O'Bannon that the evaluation meetings be scheduled in January, February, April, May, July, August, October and November. Motion passed.

Mr. Brian Dalton, Auditor General's Office Auditor, appeared before the board to discuss the Sunset Law and the initial review he will be making for the Joint Legislative Oversight Committee.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

The Proposed Changes to Rules and By-Laws are shown as Minute Pages 4122-4125. This report was presented by Chairman Trimble.

It was moved by Mr. Goodwin and seconded by Dr. O'Bannon that the proposed changes as shown in the Report from the Rules and By-Laws Committee be accepted and implemented with the exception of R4-30-14 B and that a Public Hearing be held at the next regular Board meeting for the proposed Rule changes. Motion carried. *

R4-30-14 B was referred back to the Committee for further consideration.

The consideration of Item 2 of the Rules and By-Laws Committee report concerning By-Laws will be done at a later date.

READING OF COMMUNICATIONS

Kent, Dorothy (Mrs. Amos E.) Mrs. Kent's thank you letter for a letter of sympathy sent by the Board upon the death of her husband, Amos E. Kent, was read by Chairman Edson. Mr. Kent was President-Elect of NCEE.

UNFINISHED BUSINESS

Colosa, Joseph Thomas, 77-528. In the matter of COLOSA vs. BOARD OF TECHNICAL REGISTRATION filed on October 19, 1978, an AGREEMENT was signed by both parties on December , 1978. It was moved by Mr. Goodwin and seconded by Mr. Trimble that this Agreement be ratified by the Board. Motion carried. A copy of Agreement is shown as Minute Pages 4126-4127.

NEW BUSINESS

Amlee, Richard E. It was moved by Mr. Goodwin and seconded by Mr. Gomez that Mr. Amlee be notified that he is in violation of the Technical Registration Act, A.R.S. 32-145 in that Mr. Amlee's firm name, Independent Architectural Inspection, indicates to the public that members of the firm are architects or qualified to practice as such, when, in fact, the firm does not have an officer or principal who is a registered architect. It was further moved and seconded that Mr. Amlee be notified that he is in violation of A.R.S. 32-142 in that a contract relationship, such as Mr. Amlee has with architects and engineers, does not satisfy the requirement that the construction of public works of the state or a political subdivision thereof shall be under the direct supervision of a registrant. It was further moved and seconded that Mr. Amlee be directed to cease and desist in these violations, that the proper legal authorities be contacted, if necessary, in order to halt these violations, and that notice of the Board's action be sent to all parties who wrote to the Board regarding Mr. Amlee's business operation. Motion carried.

Meeting Dates It was moved by Mr. Earley and seconded by Mr. Caruso that the following dates be approved. Motion carried.

| | |
|--|--------------------------------------|
| Exam Committees (to certify grades) | February 1, 1979 (approx.) |
| Special Board Meeting (to register successful candidates) | February 2, 1979 (approx.) |
| Evaluation Committees Architectural , | January 12, 1979 February 9, 1979 |

*See Minute Page 4129

Meeting Dates (Continued)

| | |
|---|--|
| Landscape Architectural Engineering | February 15, 1979 January 18-19, 1979 February 15-16, 1979 |
| Board Meeting | March 2, 1979 |
| Engineering Exam Committee (to review April exams) | March 20, 1979 |

EXECUTIVE SESSION At this point, Chairman Edson declared the Board to be in Executive Session to discuss personnel matters.

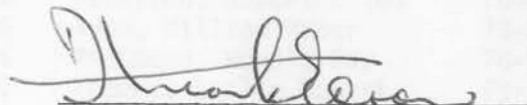
The Board returned to its regular business.

Executive Director's Salary

It was moved by Dr. Jimenez and seconded by all members present that Mr. Cassidy's salary be increased to \$27,727 (Grade 22, Step 5) effective December 31, 1978. Motion carried unanimously.

ADJOURNMENT

There being no further business before the Board, the meeting adjourned at 4:30 P.M.


Mark Edson, Chairman


Patrick Porcarello, Secretary

November 14, 1978

TO: State Board of Technical Registration
 FROM: Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met November 8-9, 1978 in Phoenix, Arizona with the following members present:

F. Mark Edson Patrick H. Porcarello
 Kemper Goodwin

There being a quorum present at all times, the committee reviewed the following applicants and makes to the Board the recommendations shown regarding registration in Arizona.

- The following applicants, having appeared before the committee and satisfied the committee that they are fully qualified (including the treatise on seismic forces) to receive architectural registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

| | | | |
|-------------------------|--------|---------------------------|--------|
| Alband, Jeffrey Charles | 78-486 | Malinowski, Edward Waclaw | 78-263 |
| Balogh, Tivadar | 78-426 | Mounce, Howard Wendell | 78-411 |
| Barsness, Donald Rae | 78-229 | Nunemaker, John Eugene | 78-272 |
| Bland, John Cooke | 78-550 | O'Neil, Eugene Carroll | 78-553 |
| Bolin, Perry Reed | 78-450 | Ota, Jack Kiyoshi | 78-509 |
| Busse, Jon Henry | 78-395 | Parsons, Michael Dean | 78-394 |
| Carr, Michael M. | 78-239 | Peterson, Robert Dixon | 78-425 |
| Coffey, Mark Alan | 78-396 | Reed, William Ryder | 78-273 |
| Connell, Wayne A. | 78-566 | Richmond, Ronald Ray | 78-96 |
| Hirsch, Benjamin | 78-432 | Thomas, Leslie Hubert | 78-350 |
| Hoffman, Kent Richard | 78-532 | Unger, William L. | 78-513 |
| Hughes, James Glenn | 78-325 | Windes, Larry Russell | 78-584 |
| Jencen, Richard R. | 78-62 | Woldemar, Michael Walter | 78-515 |
| Klages, David | 78-451 | Wright, Donald Appleton | 78-360 |
| Kloian, Michael M. | 77-478 | Yearwood, Randall Nile | 77-580 |

- The following applicants appeared before the committee, and it was determined that their applications should be denied for lack of experience of a character satisfactory to the Board under ARS 32-122.A, with the refunds as shown:

| | | |
|------------------------|--------|---------|
| Arbon, Craig Allan | 78-526 | \$10.00 |
| Gorton, Adrian Homer | 78-116 | \$10.00 |
| Rinck, Michael Stephen | 78-518 | \$10.00 |
| Umber, Dennis C. | 78-530 | \$10.00 |
| Woods, Fred Edwin | 78-531 | \$10.00 |

Continued...

3. The following applicants, having appeared before the committee for a personal audience interview, need demonstration of additional evidence of their proficiency (ARS32-123.B), and it is recommended to the Board that these individuals be held for written examinations in December 1978 and June 1979:

| | | |
|--------------------------------|--------|------------------------------------|
| Beall, Robert Glenn | 78-487 | Qual. Test, Sect. E; Professional |
| Bogott, Kent Gordon | 78-574 | Professional |
| Briggs, Ronald Lee | 78-469 | Professional |
| Broman, Ivan Lee | 78-472 | Professional |
| Brower, Myron Riggs | 78-536 | Professional |
| Campbell, Gary Alan | 78-379 | Qual. Test, Sect. E, Professional |
| Canales, James | 78-488 | Professional |
| Chapman, Raymond E. | 78-221 | Qual. Test, Sect. E., Professional |
| Christensen, Danny Dale | 78-516 | Qual. Test, Sect. E., Professional |
| Guzman, Gabriel Fernando | 78-539 | Qual. Test, Professional |
| Hakim, Besim Selim | 78-291 | Qual. Test, Sect. E., Professional |
| Hankins, James R. (Jr.) | 78-348 | Professional |
| Hryb, Roman John | 78-217 | Qual. Test; Professional |
| Kovacs, Laszlo | 78-431 | Qual. Test; Professional |
| King, Myson Brian | 78-489 | Professional |
| Lauser, Lawrence Charles | 78-583 | Professional |
| Lockhart, Brian | 78-490 | Qual. Test, Sect. E., Professional |
| Marcellus, Russell Philip | 78-527 | Qual. Test, Sect. E., Professional |
| Mayoras, Douglas Allen | 78-491 | Qual. Test, Sect. E., Professional |
| Mazziotti, Vincent G. | 78-470 | Qual. Test, Sect. E., Professional |
| Meyer, Walter Blaine | 78-542 | Qual. Test, Sect. E., Professional |
| Nickerson, Edwin Walter | 78-471 | Qual. Test; Professional |
| Nielsen, Tim Richard | 78-528 | Professional |
| Palmeri, Richard Paul | 78-380 | Qual. Test; Professional |
| Pokorski, Thomas C. | 78-492 | Professional |
| Power, Barbara Joyce | 78-493 | Professional |
| Roy, Arnold | 78-529 | Professional |
| Ruppel, Dennis Lee | 78-519 | Qual. Test, Sect. E.; Professional |
| Sakellar, Constantine Nicholas | 78-494 | Qual. Test, Sect. E.; Professional |
| Saxton, Richard Earl | 78-544 | Professional |
| Scott, Alan VanCleave | 78-495 | Qual. Test, Sect. E.; Professional |
| Sipos, Henry Louis | 78-545 | Qual. Test; Professional |
| Stefano, Gerald Lee | 78-511 | Qual. Test, Sect. E.; Professional |
| Tone, Robert Charles | 78-512 | Qual. Test; Professional |
| Ward, Steven Walford | 78-496 | Qual. Test, Sect. E.; Professional |
| Windham, Scott Avery | 78-514 | Professional |

4. The following applicant, having appeared before the committee in August and having been referred to the Board for further consideration, has subsequently satisfied the Committee that he has complied with the Technical Registration Act, is hereby recommended for registration:

Read, Donald Lee 78-191

5. The following applicant, having previously appeared before the Committee and having subsequently satisfied the Committee that he is fully qualified (including the treatise on seismic forces), is hereby recommended for registration:

Karlsrud, Lloyd Allen 78-169

Continued...

6. The following applicant, having been advised three times that he must submit a written treatise and having failed to do so, is hereby recommended to the Board for denial of his application for failure to complete the requirements of the Board within a reasonable length of time:

Rola, Alfred 78-74

7. Eaton, Bruce Edward, 78-1

The Committee refers Mr. Eaton's request for a review of the scoring on Sections A,B,C and D of the Qualifying Test to the full Board.

8. The following applicant, having previously passed the Professional Examination and Sections A,B,C and D of the Qualifying Test, having requested a review of the 1978 Section E (Design) part of the Qualifying Test, and having satisfied the Committee that he should be assigned a passing grade on said Section E of the Qualifying Test, is hereby recommended for registration:

Hubbard, Kenneth J. 75-98

The Committee recommends to the Board that Items 1 through 8 of this report be accepted and implemented.

CODE AND RULES TEST

The Committee refers to the full Board for consideration the suggestion that the minimum passing score on the twenty-question Code and Rules Test be raised from 14 to 15.

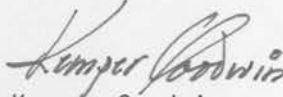
QUALIFYING TEST

The Committee recommends that applicants for registration who are not graduates of an accredited architectural program be required to pass the Qualifying Test before being allowed to take the Professional Examination.

EXPERIENCE SATISFACTORY TO THE BOARD

The Committee recommends that Appendix A of the NCARB Circular of Information No. 1, 1978, be adopted by the Board as its basic criteria for architectural experience "of a character satisfactory to the Board".

Respectfully submitted,


Kemper Goodwin
Chairman

ENVIRONMENTAL GRAPHICS, INC.

7332 East Camelback Road, Suite 'D'
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SEP 25 1978

STATE BOARD TECHNICAL REGISTRATION

September 21, 1978

Mr. Earl Cassidy
Secretary
Arizona State Board of Technical Registration
1645 West Jefferson, Room 315
Phoenix, Arizona 85007

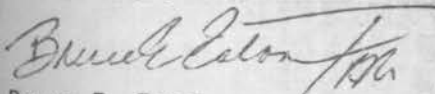
Subject: Certified Grades
Equivalency Examination
June, 1978

Dear Mr. Cassidy:

I received your letter dated September 8, 1978, on September 12, 1978, regarding above subject. Per our telephone conversation, I am requesting the grades of Sections A, B, C, and D, and with the Board's permission, request that the Board review the scoring on these sections as I believe myself to be strong in the areas of Construction Technology and Environmental Systems. Upon the Board's review of the test scores, I will be able to better prepare myself for the up-coming June, 1979, exams.

Thank you for your cooperation.

Very truly yours,


Bruce E. Eaton

ENVIRONMENTAL GRAPHICS, INC.

BEE/pr

November 22, 1978

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met November 16-17, 20-21, 1978 in Phoenix, Arizona with the following members present:

Sam Caruso
 Rod J. Gomez
 R. A. Jimenez
 Charles E. O'Bannon
 John B. Trimble

There being a quorum present at all times, the committee reviewed the following applicants and now make to the Board the recommendations shown regarding their professional registration in Arizona.

- The following applicants, having appeared before the Committee and having satisfied the Committee that they are fully qualified to receive registration in Arizona under A.R.S.32-123.A and 32-126 are hereby recommended for registration:

CHEMICAL ENGINEER

Moleux, Peter George 78-454

CIVIL ENGINEERS

Basham, William Harrison 78-416
 Bassett, Donal J. 78-371
 Beeby, Robert Glenn 78-571
 Bergman, Lynn A. 78-418
 Blodgett, Donn Winfield 78-499
 Butts, John Fitzgerald 78-341
 Carroll, Scott Richard 78-452
 Chambers, Richard Tex 78-447
 Defendorf, Charles Edward 78-413
 Dykhouse, Douglas James 78-459
 Gallagher, Richard Lugo 78-434
 Gardner, William Dmitri 78-479
 Griffin, George H. 78-403
 Harding, Richard Louis 78-310
 Hoekstra, Robert Sheridan 78-328
 Houseal, Barry Lee 78-400
 Hu, Alfred Chao-Hsin 78-385
 Hyder, Clifton Dean 78-386
 Jarol, David L. 78-506
 Johnson, Larry Edwin 78-392
 Lodewyck, Richard D. 78-401
 Lovelady, Frank Dee 78-438
 Smith, Thomas A. 78-417

CIVIL ENGINEERS (Cont.)

McCullagh, Frank R. 78-564
 Mathis, H. Kenneth 78-445
 Morrison, Neil Donald 78-464
 Olson, Clarence Stanley 78-555
 Osborn, Jack 78-237
 Owens, Robert L. (III) 78-500
 Scott, Michael Patrick 78-402
 Shipley, Joseph Eliot 78-525
 Shogren, Richard Kirk 78-478
 Sidor, Joseph R. 78-414
 Stettner, Paul 78-370
 Stiehr, Patrick Lenard 78-315
 Storms, Lawrence Dale 78-503
 Villa, Thomas Spencer 78-466
 Wood, Donald Edwin 78-361
 Poedtke, Richard A. 78-522

ELECTRICAL ENGINEERS

Chan, Paul Myo Aung 78-427
 de Castro, Jose E. 78-66
 Hanks, Robert Charles 78-540
 Hornberger, Gary Roger 78-541
 Ho, Yui-To Danny 78-368
 Hudson, Ralph Washington, Jr. 78-407
 Lange, George M. 78-441
 Leslie, Dennis Gene 78-443
 Licht, Seymour 78-507

Continued...

ELECTRICAL ENGINEERS (Cont.)

| | |
|----------------------------|--------|
| Paul, Orville Vincent, Jr. | 78-508 |
| Stewart, Larry Ray | 78-483 |
| Sundar, N.V. Shama | 78-546 |
| Talstad, Lars Naas | 78-547 |

HIGHWAY ENGINEER

| | |
|---------------------|--------|
| Lowry, Aaron Wilbur | 78-329 |
|---------------------|--------|

MECHANICAL ENGINEERS

| | |
|---------------------------|--------|
| Giles, Robert Edgar | 78-349 |
| Hansen, E. Wayne | 78-381 |
| Hayashi, Paul Hideyo | 78-219 |
| Heitz, Richard Stewart | 78-430 |
| Hobbs, Leon Merrette, Jr. | 78-421 |
| Kornsand, Norman Jack | 78-408 |
| Malloy, Ross Thomasson | 78-165 |
| Mitter, Richard Oliver | 78-543 |
| O'Donnell, Brian Robert | 78-449 |
| Parupsky, Robert Michael | 78-568 |
| Sturdevant, Bruce Layton | 78-337 |
| Van Houten, John J. | 78-410 |
| Winarski, Daniel James | 78-338 |

MINING ENGINEERS

| | |
|-------------------|--------|
| Cape, Jerry J. | 78-461 |
| Milne, Steven Lee | 78-436 |

PETROLEUM ENGINEER

| | |
|------------------|-------|
| Mann, Robert Leo | 78-44 |
|------------------|-------|

STRUCTURAL ENGINEERS

| | |
|------------------------|--------|
| Bosc, Lucien Gabriel | 78-335 |
| Burke, Frank L. | 78-521 |
| Fratessa, Paul F. | 78-465 |
| Mendes, Stanley H. | 78-253 |
| Renyer, Phillip Walter | 78-463 |

LAND SURVEYORS

| | |
|--------------------------|--------|
| Campbell, Fere1 LaMar | 78-189 |
| Hugg, Garry P. | 78-231 |
| Miller, Michael Jon | 78-455 |
| Montgomery, Floyd Eugene | 78-214 |
| Small, Bruce Francis | 78-523 |

GEOLOGISTS

| | |
|-----------------------|--------|
| Scott, John Douglas | 78-238 |
| Sydnor, Robert Hadley | 78-502 |

2. The following applicants, having appeared before the Committee for a personal audience interview, need demonstration of additional evidence of their proficiency (A.R.S. 32-123.B), and it is recommended to the Board that these individuals be held for the written examinations in April 1979 as indicated:

CIVIL ENGINEERING

| | | |
|----------------------------|--------|-------------------|
| Alford, Richard Hallie | 78-437 | Parts 3 and 4 |
| Ahmed, Moizuddin | 78-433 | Parts 3 and 4 |
| Berthot, Charles A. | 78-435 | Parts 3 and 4 |
| Cox, Hugh Lenneous | 78-444 | Parts 3 and 4 |
| Feltovic, George Michael | 78-405 | Parts 3 and 4 |
| Fulton, James | 78-210 | Parts 3 and 4 |
| Harrington, Richard Gilman | 78-446 | Parts 3 and 4 |
| Joneja, Narendra Kumar | 78-462 | Parts 1,2,3 and 4 |
| Lacandola, Ruben Y. | 78-439 | Parts 1,2,3 and 4 |
| Maldonado, Larry Marvin | 78-387 | Parts 1,2,3 and 4 |
| Morea, Claudia Rae | 78-388 | Parts 3 and 4 |
| Nisbet, James Duncan | 78-419 | Parts 3 and 4 |
| Pummill, Verl Ray | 78-186 | Parts 3 and 4 |
| Sheridan, John Francis | 78-593 | Parts 3 and 4 |
| Showalter, William Richard | 78-497 | Parts 1 and 2 |
| Wolfe, Dennis Dean | 78-457 | Parts 3 and 4 |
| Zeller, Michael E. | 78-384 | Parts 1,2,3 and 4 |
| Zicafoose, Robert D. | 78-560 | Parts 1,2,3 and 4 |

Continued...

ELECTRICAL ENGINEERING

| | | |
|----------------------|--------|-------------------|
| Barnes, Paul Oliver | 78-485 | Parts 3 and 4 |
| Brown, Lewis E. | 78-393 | Parts 3 and 4 |
| Hansen, Thomas Nobel | 78-369 | Parts 3 and 4 |
| Morris, James Allen | 78-423 | Parts 3 and 4 |
| Rex, Michael Buford | 78-519 | Parts 1,2,3 and 4 |
| Snyder, John Charles | 78-409 | Parts 1,2,3 and 4 |
| Steinke, Lester A. | 78-484 | Parts 3 and 4 |
| Tang, James F. | 78-476 | Parts 1,2,3 and 4 |

INDUSTRIAL ENGINEERING

| | | |
|---------------------|-------|---------------|
| Kenna, LeRoy Austin | 78-18 | Parts 3 and 4 |
|---------------------|-------|---------------|

MECHANICAL ENGINEERING

| | | |
|-----------------------------|--------|-------------------|
| Elliott, William Howard | 78-406 | Parts 3 and 4 |
| Lamson, Edward William, Jr. | 78-16 | Parts 3 and 4 |
| Lungren, Randolph William | 78-422 | Parts 3 and 4 |
| Patel, Dilipkumar Nathubhai | 78-215 | Parts 3 and 4 |
| Shepherd, Stanton Henry | 78-424 | Parts 3 and 4 |
| Smith, Dennis Wayne | 78-359 | Parts 1,2,3 and 4 |
| Smith, James Norman | 78-298 | Parts 3 and 4 |
| Wilcox, Gary Paul | 78-302 | Parts 1,2,3 and 4 |

METALLURGICAL ENGINEERING

| | | |
|--------------|--------|---------------|
| Stern, Roger | 78-501 | Parts 3 and 4 |
|--------------|--------|---------------|

SANITARY ENGINEERING

| | | |
|---------------------------|--------|---------------|
| Jefferson, Francis Thomas | 78-399 | Parts 3 and 4 |
|---------------------------|--------|---------------|

STRUCTURAL ENGINEERING

| | | |
|-----------------------|--------|-------------------|
| Barre, Ib | 78-319 | Parts 3,4,5 and 6 |
| Harabor, Mihai | 78-404 | Parts 5 and 6 |
| Hale, Tom Henry | 78-481 | Parts 3,4,5 and 6 |
| Jarol, David L. | 78-505 | Parts 5 and 6 |
| Lundwall, Dan Richard | 78-288 | Parts 5 and 6 |
| Spicer, Edward Lee | 78-480 | Parts 5 and 6 |
| Trummer, John Joseph | 78-482 | Parts 5 and 6 |
| Villa, Thomas Spencer | 78-467 | Parts 5 and 6 |

GEOLOGY

| | | |
|------------------------|--------|-------------------|
| Cockle, Allen Robert | 78-456 | Parts 1,2,3 and 4 |
| Eyrich, Henry Theodore | 78-453 | Parts 3 and 4 |
| Linder, Harold William | 78-281 | Parts 3 and 4 |

LAND SURVEYING

| | | |
|------------------------|--------|-------------------|
| Baker, Fred L. | 78-398 | Parts 1,2,3 and 4 |
| Lacandola, Ruben Y. | 78-440 | Parts 1,2,3 and 4 |
| Naville, Patrick W. | 78-391 | Parts 3 and 4 |
| Nisbet, James Duncan | 78-420 | Part 4 |
| Sanchez, Reynaldo Y. | 78-389 | Parts 1,2,3 and 4 |
| Stewart, Tommie Gene | 78-460 | Parts 1,2,3 and 4 |
| Tokarski, Norbert A. | 78-588 | Parts 1,2,3 and 4 |
| Speer, Kenneth Francis | 78-534 | Parts 1,2,3 and 4 |

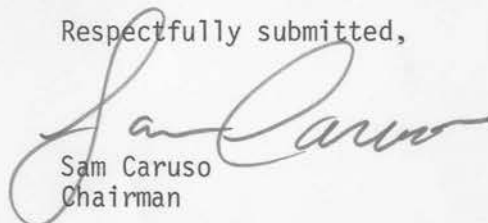
Continued....

3. Shelest, Timothy Charles, 78-174 - Land Surveyor
Consideration was given to Mr. Shelest's request for a waiver of Rule R4-30-01(D) requiring three registered references. The Committee recommends to the Board that the waiver be denied.
4. Freeman, Gilbert Norvell, 69-198 - Geologist
Mr. Freeman, through his attorney, has requested a waiver of examination. The Committee recommends denial of waiver of examination pursuant to A.R.S. 32-126, since there is no evidence of registration by examination in another state or certification by examination by a national bureau of registration or certification.
5. Savicky, John Lee, 76-566 - Civil Engineer
Mr. Savicky's request that the Arizona Board review his examination was considered by the Committee. The Committee refers this request to the full Board with the recommendation that the Board not attempt to regrade Part 4 of the April 1978 Professional Engineering exam which was prepared and graded by NCEE.
6. Banks, Elizabeth Young, 78-2 - Geologist-in-Training
The Committee recommends that the Board grant Ms. Banks' request to review her failed exam at the office of the Board in the presence of the Executive Director.
7. Cordy, Gail E., 78-3 - Geologist-in-Training
The Committee recommends that the Board grant Ms. Cordy's request to review her failed exam at the office of the Board in the presence of the Executive Director.
8. Singh, Rajinder, 77-594 - Mechanical Engineer
After reviewing the April 1978 examination, the Committee recommends that the language and solution of Problem 144 of the NCEE exam be accepted and that the exam score of Part 3 of Mr. Singh's April 1978 examination be certified as correct.

The Committee recommends to the Board that Items 1 through 8 of this report be accepted and implemented.

The Committee also considered the complaint of GODSEY, ERNEST E. vs. BARRETT, GEORGE T. and recommended that the Executive Director investigate and determine whether non-registrant Barrett has ceased advertising and soliciting as an engineer. If Mr. Barrett has so ceased, the Committee recommends that the Board close this complaint and notify the parties concerned.

Respectfully submitted,



Sam Caruso
Chairman

DENIALS

It was moved by Mr. Goodwin and seconded by Dr. Jimenez that the following applicants be denied with neither prejudice nor refund at their request. Motion carried.

| | | |
|------------------------------|--------|---------------------|
| Clayton, George Allen | 77-662 | Electrical Engineer |
| Cummings, David | 78-258 | Geologist |
| Geyer, John Wayne | 78-220 | Architect |
| Hamilton, Drew Seth | 78-292 | Electrical Engineer |
| Hilfinger, Dean F. | 78-196 | Architect |
| McCreary, Dennis James | 77-601 | Civil Engineer |
| Richardson, Lawrence C., Jr. | 77-611 | Architect |

It was moved by Mr. Goodwin and seconded by Dr. Jimenez that the following applicants be denied for failure to complete the requirements of the Board within a reasonable length of time:

| | | |
|----------------------------|--------|-----------------------|
| Ament, John Tehodore | 78-79 | Mechanical Engineer |
| Athay, Dean J. | 78-99 | Electrical Engineer |
| Austin, Louis Roy | 78-147 | Civil Engineer |
| Leisch, Jack E. | 77-519 | Civil Engineer |
| Martinez, Francisco J. | 78-205 | Civil Engineer |
| Weber, Howard I. | 77-436 | Electrical Engineer |
| Yuey, David Dahsoong | 77-222 | Nuclear Engineer |
| Rola, Alfred | 78-74 | Architect |
| Bicas, Enrique Bernardo | 76-462 | Architect |
| Davis, Dean Leigh | 76-470 | Architect |
| Fuller, Newell Judd | 75-331 | Architect |
| Yates, Dennis Dean | 77-168 | Architect |
| Anderson, Rodney E.R. | 77-13 | Architect-in-Training |
| Carson, Christopher Warren | 77-2 | Architect-in-Training |
| Comon, Gilbert Arnold, Jr. | 77-19 | Architect-in-Training |
| Koch, Christopher Lee | 74-52 | Architect-in-Training |
| Mansur, Charles Thom | 77-11 | Architect-in-Training |
| Rogers, James Ashbel | 76-11 | Architect-in-Training |
| Tuberty, Dennis J. | 75-5 | Architect-in-Training |
| Weiss, Peter M. | 77-20 | Architect-in-Training |

It was moved by John Trimble and seconded by Kemper Goodwin that the following applicants for professional registration, having completed the personal audience and all other requirements of this Board, be granted registration and assigned the registration numbers as indicated. Motion passed.

ARCHITECTURE

| | |
|---------------------------|-------|
| Alband, Jeffrey Charles | 11939 |
| Balogh, Tivadar | 12013 |
| Barsness, Donald Rae | 12014 |
| Bland, John Cooke | 12015 |
| Bolin, Perry Reed | 12016 |
| Busse, Jon Henry | 12017 |
| Carr, Michael M. | 12018 |
| Coffey, Mark Alan | 12019 |
| Connell, Wayne A. | 12020 |
| Hirsch, Benjamin | 12021 |
| Hofmann, Kent Richard | 12022 |
| Hubbard, Kenneth J. | 12125 |
| Hughes, James Glenn | 12023 |
| Jencen, Richard R. | 12024 |
| Karlsrud, Lloyd Allen | 12025 |
| Klages, David | 12026 |
| Malinowski, Edward Waclaw | 12028 |
| Mounce, Howard Wendell | 12029 |
| Nunemaker, John Eugene | 12030 |
| O'Neil, Eugene Carroll | 12031 |
| Ota, Jack Kiyoshi | 12032 |
| Parsons, Michael Dean | 12033 |
| Peterson, Robert Dixon | 12034 |
| Read, Donald Lee | 12035 |
| Reed, William Ryder | 12036 |
| Richmond, Ronald Ray | 12037 |
| Thomas, Leslie Hubert | 12038 |
| Unger, William L. | 12039 |
| Windes, Larry Russell | 12040 |
| Woldemar, Michael Walter | 12041 |
| Wright, Donald Appleton | 12042 |
| Yearwood, Randall Nile | 12043 |
| Kloian, Michael M. | 12027 |

CHEMICAL ENGINEERING

| | |
|----------------------|-------|
| Moleux, Peter George | 12044 |
|----------------------|-------|

CIVIL ENGINEERING

| | |
|---------------------------|-------|
| Basham, William Harrison | 12045 |
| Bassett, Donal J. | 12046 |
| Beeby, Robert Glenn | 12047 |
| Bergman, Lynn A. | 12048 |
| Blodgett, Donn Winfield | 12049 |
| Butts, John Fitzgerald | 12050 |
| Carroll, Scott Richard | 12051 |
| Chambers, Richard Tex | 12052 |
| Defendorf, Charles Edward | 12053 |
| Dykhouse, Douglas James | 12054 |
| Gallagher, Richard Lugo | 12055 |

CIVIL ENGINEERING (Cont.)

| | |
|---------------------------|-------|
| Gardner, William Dmitri | 12056 |
| Griffin, George H. | 12057 |
| Harding, Richard Louis | 12058 |
| Hoekstra, Robert Sheridan | 12059 |
| Houseal, Barry Lee | 12060 |
| Hu, Alfred Chao-Hsin | 12061 |
| Hyder, Clifton Dean | 12062 |
| Jarol, David L. | 12063 |
| Johnson, Larry Edwin | 12064 |
| Lodewyck, Richard D. | 12065 |
| Lovelady, Frank Dee | 12066 |
| McCullagh, Frank R. | 12068 |
| Mathis, H. Kenneth | 12069 |
| Morrison, Neil Donald | 12070 |
| Olson, Clarence Stanley | 12071 |
| Osborn, Jack | 12072 |
| Owens, Robert L. (III) | 12073 |
| Poedtke, Richard A. | 12126 |
| Scott, Michael Patrick | 12074 |
| Shipley, Joseph Eliot | 12075 |
| Shogren, Richard Kirk | 12076 |
| Sidor, Joseph R. | 12077 |
| Smith, Thomas A. | 12067 |
| Stettner, Paul | 12078 |
| Stiehr, Patrick Lenard | 12079 |
| Storms, Lawrence Dale | 12080 |
| Villa, Thomas Spencer | 12081 |
| Wood, Donald Edwin | 12082 |

ELECTRICAL ENGINEERING

| | |
|-------------------------------|-------|
| Chan, Paul Myo Aung | 12083 |
| de Castro, Jose E. | 12084 |
| Hanks, Robert Charles | 12085 |
| Hornberger, Gary Roger | 12086 |
| Ho, Yui-To Danny | 12087 |
| Hudson, Ralph Washington, Jr. | 12088 |
| Lange, George M. | 12089 |
| Leslie, Dennis Gene | 12090 |
| Licht, Seymour | 12091 |
| Paul, Orville Vincent, Jr. | 12092 |
| Stewart, Larry Ray | 12093 |
| Sundar, N.V. Shama | 12094 |
| Talstad, Lars Naas | 12095 |

Continued...

HIGHWAY ENGINEERING

Lowry, Aaron Wilbur 12096

MECHANICAL ENGINEERING

Giles, Robert Edgar 12097
 Hansen, E. Wayne 12098
 Hayashi, Paul Hideyo 12099
 Heitz, Richard Stewart 12100
 Hobbs, Leon Merrette, Jr. 12101
 Kornsand, Norman Jack 12102
 Malloy, Ross Thomasson 12103
 Mitter, Richard Oliver 12104
 O'Donnell, Brian Robert 12105
 Parupsky, Robert Michael 12106
 Sturdevant, Bruce Layton 12107
 Van Houten, John J. 12108
 Winarski, Daniel James 12109

MINING ENGINEERING

Cape, Jerry J. 12110
 Milne, Steven Lee 12111

PETROLEUM ENGINEERING

Mann, Robert Leo 12112

STRUCTURAL ENGINEERING

Bosc, Lucien Gabriel 12113
 Burke, Frank L. 12114
 Fratessa, Paul F. 12115
 Mendes, Stanley H. 12116
 Renyer, Phillip Walter 12117

LAND SURVEYING

Campbell, Fere! LaMar 12118
 Hugg, Garry P. 12119
 Miller, Michael Jon 12120
 Montgomery, Floyd Eugene 12121
 Small, Bruce Francis 12122

GEOLOGY

Scott, John Douglas 12123
 Sydnor, Robert Hadley 12124

It was moved by John Trimble and seconded by Kemper Goodwin that the following applicants for in-training registration, having satisfactorily completed the written examination, be granted in-training registration and assigned the in-training registrations numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

| | |
|---------------------------|------|
| Babonis, Paul A. | 2002 |
| Black, Philip B. | 2003 |
| Capelik, Jaye Beverly | 2004 |
| Dangremond, John Robert | 2005 |
| Darlington, Elizabeth S. | 2006 |
| Domzalski, Mark William | 2007 |
| Gauthier, Dale | 2008 |
| Holberton, David Peirce | 2009 |
| Holler, Frank Eric | 2010 |
| McDonald, Jeffery Craig | 2011 |
| Montgomery, Gary E. | 2012 |
| Ortiz, Jesus Lorenzo | 2013 |
| Roden, David Bruce | 2014 |
| Sams, Keith Elam | 2015 |
| Scott, Bryant C. | 2016 |
| Stadnisky, Steven | 2017 |
| Toerpe, Daniel K. | 2018 |
| Travis, William H. | 2019 |
| Van Dyke, Richard Lee, II | 2020 |
| Wilkey, William P. | 2021 |
| Bradel, John Edward | 2022 |
| Hill, Charles C. | 2023 |

LANDSCAPE ARCHITECT-IN-TRAINING

| | |
|--------------------|----|
| Abell, James Logan | 15 |
|--------------------|----|

REPORT OF THE EXECUTIVE DIRECTOR

The fee changes recommended as part of the Rules and By-Laws changes are estimated to increase income to the Technical Fund by about 35% for the 1979-80 fiscal period. This increase should bring income and budgeted expenses into balance for that period.

A straw poll was held during the November evaluation meetings among those engineers being held for exams. They were asked, "Which days would you prefer to take the two-day exam, Thursday-Friday, Friday-Saturday or Saturday-Sunday?" The results were: Thursday-Friday, 13; Friday-Saturday, 14; Saturday-Sunday, 16. Based on this poll it would appear that Friday-Saturday is a good compromise and should be adopted for engineering exams in 1980 (when Sunday is dropped by NCEE) and perhaps even in 1979.

Since weekend engineering exams will not be given beginning in 1980 (1979?), exam sites other than the U of A and ASU campuses have been surveyed, and the Civic Centers in Phoenix and Tucson appear most satisfactory when they are available. Hotel convention center facilities are also available in both cities, but at a higher cost. It is necessary to make reservations many months, even years, ahead to be assured of space.

Evaluation committee meetings are now held in February, May, August and November, over a period of six days in less than ten working days. This works a hardship on the general routine of the Board office and may be a hardship on Board members, also. An alternative would be to schedule the evaluation committee meetings in January and February, April and May, July and August, October and November, for a maximum of three days each month. Committee members probably would serve no more than one day each month, and the office routine would be improved.

The NCEE Professionalism and Ethics Committee will hold a winter meeting in Scottsdale, February 16-18, 1979 at the Doubletree Inn (Fashion Square). Board members are invited to attend.

The Executive Director was a guest speaker at the Papago Chapter, ASPE, meeting on November 28, 1978. The program topic was "Continuing Education", including its use in recertification.

The Auditor General's Office met with the Executive Director on November 30 as a first step in its performance audit and program review under the Sunset Law review procedure. The Arizona Consulting Engineers Association and the Arizona Section, ASCE, have appointed Jim Anderson as their liaison with the Board on the Sunset review.

CASH FLOW REPORT
TECHNICAL REGISTRATION FUND

OCTOBER 31, 1978

| | |
|--|--------------------|
| Fund Balance as of July 1, 1978 | \$94,747.68 |
| Total Allocated Receipts, Year-to-Date | 23,123.93 |
| Total Expenditures, Year-to-Date | (34,795.45) |
| Outstanding Encumbrances, Year-to-Date | <u>(8,747.59)</u> |
| Fund Balance as of October 31, 1978 | <u>\$74,328.57</u> |
| | |
| Lump Sum Appropriation for 1978-79 | \$167,000.00 |
| Allotment for First Quarter | 41,775.00 |
| Allotment for Second Quarter | 41,775.00 |

| Expenditures: | <u>October</u> | <u>Year-to-Date</u> |
|---------------------------|-------------------|---------------------|
| Personal Services | \$4,244.46 | \$16,768.80 |
| Employer Related | 828.99 | 3,080.73 |
| Professional Services | -0- | 594.89 |
| Travel - In State | -0- | 791.70 |
| Travel - Out of State | -0- | 1,387.04 |
| Other Operating Expenses: | | |
| Data Processing | 96.58 | 203.30 |
| Maint. & Repairs | -0- | 71.50 |
| Refunds | -0- | 36.00 |
| Revolving Fund | -0- | 1,000.00 |
| Rent | -0- | 4,051.50 |
| Office Supplies | 1,635.91 | 2,552.26 |
| Telephone | 152.37 | 451.97 |
| Xerox Rental | -0- | 168.63 |
| Gen.Comp. Insurance | -0- | 335.00 |
| Postage | 2,000.00 | 2,083.27 |
| Printing | -0- | 393.69 |
| Subscriptions | -0- | 24.00 |
| Advertising | 5.25 | 5.25 |
| Freight | -0- | 53.22 |
| Equipment | -0- | 742.70 |
| | <u>\$8,963.56</u> | <u>\$34,795.45</u> |

November 28, 1978

TO: State Board of Technical Registration
 FROM: Rules and By-Laws Committee
 SUBJECT: PROPOSED CHANGES TO RULES AND BY-LAWS

1. The Rules and By-Laws Committee proposes the following revisions to the Rules, Adopted July 15, 1977:

R4-30-02 (Delete "initial" from heading and first line of text.
 Change "thirty days" to forty-five days".)

R4-30-03 (Revise text as shown)
 Qualifying experience, other than time allowed for education, shall in general be limited to that time in which an applicant has been ~~directly~~ employed or worked in a responsible position and directly supervised by a person(s) who is(are) registered in the same discipline as the applicant. The experience acquired by the applicant should be well diversified in his particular discipline and of a character satisfactory to the Board.

R4-30-13 F (Revise as shown)
 An applicant who fails to achieve a passing grade on an examination may be re-examined a maximum of five times before the Board may deny his application for registration.

R4-30-13 G (Repeal)

R4-30-14 A (Change "thirty days" to forty-five days".)

R4-30-14 B (Revise as shown)
 Applicants for Engineer-in-Training, Geologist-in-Training and Landscape Architect-in-Training ~~will~~ may be permitted to take the in-training examination one year prior to graduation..... Applicants without college degrees desiring to enter the in-training program ~~will~~ may be permitted to take the examination ~~prior to~~ after the completion of ~~four~~ three years...

R4-30-14 D (Change "thirty days" to "forty-five days")

R4-30-14 F (Change "Basic Geology" to "Fundamentals of Geology")

R4-30-14 G (Repeal)

R4-30-15 A (Repeal) (Change R4-30-15 L to R4-30-15 A.)

R4-30-15 F.1 (Change "four parts" to "two parts", "six parts" to "three parts", "four hours" to "eight hours")

R4-30-15 F.3 (Revise as shown)

The ~~part~~ parts of the professional engineering examinations are defined as follows:

- Part 1 Fundamentals of Engineering
- Part 2 ~~Fundamentals of Engineering~~ Principles and Practices of Engineering
- Part 3 ~~Engineering Analysis~~ Structural Engineering Practices

(Repeal Parts 4-6)

R4-30-15 G (Change "principles" to "fundamentals" at end of sixth line)

R4-30-15 H (Change "four parts" to "two parts" and revise as shown)
.....The parts of the professional geology examination are as follows:

- Part 1 ~~Basic Geology~~ Fundamentals of Geology
- Part 2 ~~Basic Geology~~ Principles and Practices of Geology

(Repeal Parts 3 and 4)

R4-30-15 K (Change "four parts" to "three parts" and revise as shown)
.....determine knowledge of the ~~techniques~~ fundamentals of land surveying, also knowledge of the ~~rules and regulations~~ principles and practices of land surveying and of the rules, regulations and laws.....

R4-30-27 (List the fees at the right margin as numbers; that is, \$25.00, \$50.00, and \$10.00 in a manner similar to exam fees listings)

R4-30-28 (Revise as shown)
The fees, payable in advance for taking or retaking the examinations, over and above and exclusive of fees required with the an application for registration, shall be as follows listed below. When a subsection of an examination is given, the fee may be a pro-rata part of the listed fee.

1. In-Training Examinations

Architect

- Qualifying Test.....\$40.00
- Professional Exam, Section A, Design.....\$40.00

Engineer, Geologist

- Fundamentals.....\$30.00

Landscape Architect

- Subjects A,C.....\$50.00

2. Architect Examinations
 - Qualifying Test.....\$40.00
 - Professional Exams
 - Section A, Design\$40.00
 - Section B, Parts I-IV.....\$60.00
 - Treatise on lateral forces.....\$25.00
 - Resubmittal of treatise.....\$25.00
3. Professional Engineer Examinations
 - Part 1 - Fundamentals.....\$30.00
 - Part 2 - Principles and Practices.....\$30.00
 - Part 3 - Structural Principles and Practices.....\$30.00
4. Geologist Examinations
 - Part 1 - Fundamentals.....\$30.00
 - Part 2 - Principles and Practices.....\$30.00
5. Landscape Architect Examinations
 - Subject A - History.....\$10.00
 - Subject B - Professional Practice.....\$10.00
 - Subject C - Design.....\$40.00
 - Subject D - Design Implementation.....\$40.00
6. Land Surveyor Examinations
 - Fundamentals.....\$30.00
 - Principles and Practices.....\$15.00
 - Legal Principles.....\$15.00
7. Assayer Examinations.....\$30.00
8. Comprehensive Oral Examination.....\$100.00

R4-30-29

(Change to R4-30-30 and revise as shown)
 For renewal of a certificate of registration, if received prior to December 31 of each year (a certificate registration not renewed prior to December 31 of each year will accrue a penalty of 10 per cent of for each month or fraction of month delinquency), the following fees will be required:

1. Renewal as....., ~~ten-dollars; except that~~ (persons age aged 70immediately prior to attaining the age of 70 or older requesting exemption)..... \$15.00
2. In-training certificates, ~~none-~~ renewal..... NONE

R4-30-30

(Change to R4-30-29 and revise as shown)

Miscellaneous Fees for Services

| | |
|---|---------|
| Certificate and Seal, new registrant..... | \$15.00 |
| Replacement Certificate..... | \$ 5.00 |
| Replacement Seal..... | \$10.00 |
| Annual Report..... | \$ 2.00 |
| Document Copies, per page..... | \$.25 |

R4-30-31 (Revise as shown)
An ~~application~~ applicant for professional registration
which whose application has been denied by initial Board
action ~~will~~ shall receive the following ~~refunds~~ refund
..... \$10.00

R4-30-43 A (Change "the principal" to "a principal" at end of eleventh
line)

R4-30-54 (Change "cost of manufacturing said seal" to "required fee")

R4-30-66 (Add to end of first sentence, "upon payment of the
required fee.")

2. The Rules and By-Laws Committee proposes the following revisions to the
By-Laws, adopted July 15, 1977:

Section I,4 At the regular meeting of the Board in ~~June~~ September of
each year the Board shall elect.....at the close of this
meeting. In the event that the newly elected chairman and
vice chairman term on the board has expired and they have
not been officially notified of their re-appointment, the
senior member of the board will assume the duties of the
chairman until the elected chairman and/or vice chairman
are re-appointed. The chairman shall, as soon thereafter
as.....

Section II,1 (Repeal second sentence beginning, "All claims.....")

Section II,4 (Adopt as second sentence)
All claims shall be signed by the Executive Director or
the Secretary and one additional officer of the Board.

Section IV (Change "March" to "December" in second sentence)

Respectfully submitted,



John B. Trimble
Chairman

A G R E E M E N T

THIS AGREEMENT made this 20th day of December, 1978, by and between JOSEPH T. COLOSA, the ARIZONA STATE BOARD OF TECHNICAL REGISTRATION, and the STATE OF ARIZONA;

WITNESSETH:

WHEREAS, Joseph T. Colosa was an applicant for the 1977 Professional Examination in architecture; and

WHEREAS, Joseph T. Colosa was not certified as having passed Part III, Design and Technology, portion of said examination; and

WHEREAS, a genuine dispute exists as to the competence demonstrated to the Arizona State Board of Technical Registration on this examination, which resulted in the filing of Pima County Cause No. 176857; and

WHEREAS, both parties hereto desire to avoid litigation of this matter;

IT IS THEREFORE AGREED as follows:

1. That Joseph T. Colosa must take the Professional Examination, Section B, under the same circumstances as other applicants; however, only Part III, Design and Technology, portion must receive a satisfactory grade in order to pass the examination. This provision applies to the 1978 Professional Examination, Section B, as well as subsequent Professional Examinations, Section B.

2. That Pima County Cause No. 176857 will be dismissed with prejudice.

3. That Joseph T. Colosa agrees not to challenge the Professional Examination, Section B, and procedures. Joseph T. Colosa will, however, retain the right to challenge the scoring of his examination. This provision applies to the 1978 examination as well as subsequent Professional Examinations, Section B.

IN WITNESS WHEREOF, the parties hereto have hereunto

set their hands the day and year first above written.

LOVALLO & STIRTON

By Charles P. Stirton
CHARLES P. STIRTON
Attorney for Colosa

Joseph F. Colosa
JOSEPH F. COLOSA

ARIZONA STATE BOARD OF TECHNICAL
REGISTRATION

David W. Ronald
DAVID W. RONALD
Assistant Attorney General
Attorney for Arizona State
Board of Technical Regis-
tration and State of Arizona

By E. M. Cassidy
E. M. Cassidy, Executive Director

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

FEBRUARY 2, 1979

A special meeting of the State Board of Technical Registration was called to order by Mark Edson, Chairman, at 1645 West Jefferson, Phoenix, Arizona on Friday, February 2, 1979 at 9:15 A.M.

PRESENT

Mark Edson, Chairman
 Sam Caruso
 Wayne Earley
 Kemper Goodwin
 Charles O'Bannon
 John Trimble

ABSENT

Rod Gomez, Vice-Chairman
 Pat Porcarello, Secretary
 Rudy Jimenez

Those present constituted a quorum.

It was moved by Mr. Trimble and seconded by Dr. O'Bannon that the minutes of the meeting of the Board on December 7, 1978 be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

No report.

(Discussion of rules and by-laws changes was delayed until after the REPORT OF EXECUTIVE DIRECTOR.)

REPORT OF THE EVALUATION AND EXAMINATION COMMITTEESArchitectural Committee Report

Chairman Kemper Goodwin presented the report of the Architectural Examination Committee shown as Minute Pages 4130-4132.

It was moved by Mr. Goodwin and seconded by Dr. O'Bannon that the Architectural Examination Committee Report be accepted and implemented by the Board. Motion carried.

Engineering Committee Report

Chairman Caruso presented the report of the Engineering Examination Committee shown as Minute Pages 4133 - 4141.

It was moved by Mr. Caruso and seconded by Mr. Goodwin that the Engineering Examination Committee Report be accepted and implemented by the Board. Motion carried.

Landscape Architectural Committee Report

No report.

REGISTRATIONS GRANTED Shown on Minute Pages 4142 - 4144.

REPORT OF THE PUBLIC INFORMATION COMMITTEE

No report.

There was a general discussion regarding licensing requirements of other State Boards.

There was a general discussion regarding the need for the publication of a newsletter to be sent to local professional societies, legislators and local newspapers.

REPORT OF THE BUDGET COMMITTEE

No report.

Mr. Cassidy explained to the Board how the budget has been reviewed by the Executive Budget Committee, the JLBC staff and the JLBC.

Mr. Trimble, on behalf of the Board, complimented Mr. Cassidy on his efficient handling of the Board's budget.

REPORT OF THE EXECUTIVE DIRECTOR

Mr. Cassidy presented to the Board the Executive Director's Report shown as Minute Page 4145.

Mr. Goodwin moved that the motion to accept the proposed rules changes, which was passed at the December 7, 1978 Board meeting, be rescinded. This motion was seconded by Dr. O'Bannon, and motion passed unanimously.

Mr. Goodwin then made a motion that Rule R4-30-29 be amended (as shown in the Executive Director's Report on Minute Page 4125) to change the annual renewal fee to TWENTY DOLLARS, and that the legal requirements for this amendment be implemented. The motion was seconded by Mr. Caruso.

After further discussion Mr. Trimble moved to amend this motion to change the annual renewal fee to SEVENTEEN DOLLARS. This amendment was seconded by Mr. Caruso. Amendment carried. Motion, as amended, carried.

UNFINISHED BUSINESS

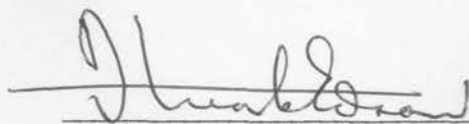
None


NEW BUSINESS

Dr. O'Bannon moved to approve the Schedule of Examinations shown as Minute Page 4146. Mr. Trimble seconded; motion carried.

ADJOURMENT

Meeting adjourned at 10:40 A.M.


Mark Edson, Chairman


Patrick H. Porcarello,
Secretary

February 1, 1979

TO: State Board of Technical Registration
FROM: Architectural Examination Committee

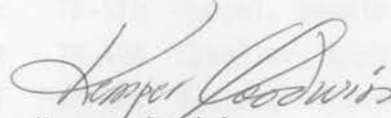
The Architectural Examination Committee met on Thursday, February 1, 1979 in Phoenix, Arizona with the following members present:

F. Mark Edson
Kemper Goodwin

The Committee meeting was held to review the results of the Architects' Professional Examination given December 11-12, 1978. The final results of the examinations are shown on the following pages.

The Architectural Examination Committee recommends to the Board that this report be accepted and implemented and that these grades be certified.

Respectfully submitted,



Kemper Goodwin
Chairman

RESULTS OF
ARCHITECTS' PROFESSIONAL EXAMINATION
DECEMBER 1978

94131

| NO. | NAME | GRADE | NO. | NAME | GRADE |
|----------|--------------------------|-------|---------|---------------------------|-------|
| 77-525 | Al-Alawi, Kamal | Fail | 76-116 | Lewis, Robert Ansley, Jr. | Fail |
| 78-487 | Beall, Robert Glenn | Pass | 78-490 | Lockhart, Brian | Pass |
| 71-414 | Biddle, Warren Robert | Fail | 74-538 | Lucero, Edward Horta | Fail |
| * 78-574 | Bogott, Kent Gordon | Pass | 77-663 | Ludwig, Neil Milton | Pass |
| * 78-268 | Bragg, Thomas Ingram | Pass | 78-527 | Marcellus, Russell P. | Fail |
| * 78-469 | Briggs, Ronald Lee | Pass | 78-491 | Mayoras, Douglas Allen | Fail |
| * 78-472 | Broman, Ivan Lee | Pass | 78-470 | Mazziotti, Vincent G. | Fail |
| * 78-536 | Brower, Myron Riggs | Pass | 78-194 | McCollum, Tommy Robert | Pass |
| 78-379 | Campbell, Gary Alan | Pass | 78-542 | Meyer, Walter Blaine | Fail |
| * 78-488 | Canales, James | Pass | 77-154 | Mogro, Carlos | Fail |
| 78-221 | Chapman, Raymond E. | Fail | 71-391 | Moos, Stephen Leon | Fail |
| 75-460 | Cheung, Douglas Chi-Hung | Fail | 78-471 | Nickerson, Edwin Walter | Fail |
| 78-516 | Christensen, Danny Dale | Pass | *78-528 | Nielsen, Tim Richard | Pass |
| 77-528 | Colosa, Joseph Thomas | Fail | 77-514 | Nolan, James Arthur | Pass |
| * 77-339 | Cosentino, Anthony P. | Pass | 78-380 | Palmeri, Richard Paul | Fail |
| * 78-152 | Dercks, David William | Pass | 73-212 | Podolsky, William I. | Fail |
| 76-396 | Dong, Tillie | Fail | *78-492 | Pokorski, Thomas C. | Pass |
| 77-180 | Dooling, David Paul | Fail | *77-565 | Posedly, Jane Hamilton | Pass |
| 77-539 | Drakulich, Donald M. | Fail | *78-493 | Power, Barbara Joyce | Pass |
| 74-499 | Duncan, Clarence Douglas | Fail | 77-224 | Pujadas, Jose | Fail |
| 78-1 | Eaton, Bruce Edward | Fail | 77-135 | Ralston, Philip Johns | Fail |
| * 78-136 | Felder, Larry Joe | Pass | *78-529 | Roy, Arnold | Pass |
| 72-135 | Fraunhoffer, Herman, Jr. | Fail | 77-554 | Rowlands, Russell Dewey | Fail |
| * 78-352 | Froeb, Charles F., II | Pass | 78-519 | Ruppel, Dennis Lee | Fail |
| 78-539 | Guzman, Gabriel Fernando | Fail | 78-494 | Sakellar, Constantine N. | Fail |
| 78-348 | Hankins, James R., Jr. | Fail | *78-544 | Saxton, Richard Earl | Pass |
| 78-270 | Heft, Barden Randolph | Fail | 78-495 | Scott, Alan Van Cleave | Pass |
| 78-118 | Jonas, Glenn Allen | Fail | *75-401 | Seats, Timothy Alan | Pass |
| 71-318 | Kopecek, Josef Robert | Fail | 78-545 | Sipos, Henry Louis | Fail |
| * 78-489 | King, Myson Brian | Pass | 76-353 | Slatewala, Abdul A. | Fail |
| 78-431 | Kovacs, Laszlo | Fail | *78-353 | Solocek, Arlen Mark | Pass |
| 77-512 | Kuzmik, Michael Lee | Fail | 78-511 | Stefano, Gerald Lee | Pass |
| * 76-162 | Larsen, Leon J. | Pass | 78-250 | Stockton, Paul Barten | Pass |
| * 78-583 | Lauser, Lawrence Chas. | Pass | *77-475 | Territo, Vincent M. | Pass |

Continued...

RESULTS OF
ARCHITECTS' PROFESSIONAL EXAMINATION
DECEMBER 1978

| <u>NO.</u> | <u>NAME</u> | <u>GRADE</u> |
|------------|-------------------------|--------------|
| 78-512 | Tone, Robert Charles | Pass |
| 76-443 | Trice, Glenn Eugene | Fail |
| *77-114 | Walzer, Mitchell Barton | Pass |
| 78-496 | Ward, Steven Wolford | Pass |
| 78-301 | Wetzel, Thomas Joseph | Pass |
| *78-200 | Wilson, David Walter | Pass |
| *77-134 | Wilson, James Marvin | Pass |
| *78-514 | Windham, Scott Avery | Pass |

The Committee meeting was held to review the results of the examination given December 4-5, 1978. The final results of the examination are given on the following page.

The Engineering Examination Committee recommends to the Board that the results be accepted and implemented and that the Board should be notified.

[Handwritten signature]
Chairman

February 1, 1979

TO: State Board of Technical Registration
FROM: Engineering Examination Committee

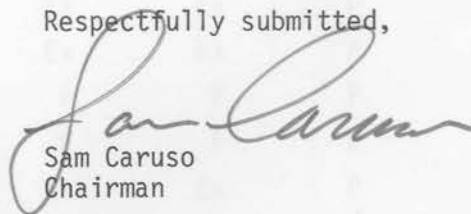
The Engineering Examination Committee met on Thursday, February 1, 1979 in Phoenix, Arizona with the following members present:

R. A. Jimenez
Sam Caruso

The Committee meeting was held to review the results of the examinations given November 4-5, 1978. The final results of the examinations are shown on the following pages.

The Engineering Examination Committee recommends to the Board that this report be accepted and implemented and that these grades be certified.

Respectfully submitted,



Sam Caruso
Chairman

| | | PART 1 | PART 2 | PART 3 | PART 4 | PASSED | |
|-----------------------------|--------|--------------------------|-----------|-----------|-----------|--------|---------|
| <u>CHEMICAL ENGINEERING</u> | | | | | | | |
| | 74-268 | Cole, Edward Arthur | Ex | Ex | P | F | |
| * | 76-193 | Hammon, Lyndon Ray | Ex | Ex | P | P | 3 |
| * | 78-256 | Stephens, Frank Anderson | Ex | Ex | P | P | 3,4 |
| | 78-72 | Travis, Stephen R. | Ex | Ex | F | P | 4 |
| | 75-558 | Villemez, George Raymond | Ex | Ex | F | F | |
| <u>CIVIL ENGINEERING</u> | | | | | | | |
| | 78-222 | Arambel, Jean Marty | Ex | Ex | P | F | 3 |
| * | 77-556 | Babcock, Joseph Andrew | P | P | P | P | 1,2,3 |
| | 78-372 | Berkovitz, Barry Charles | F | F | F | F | |
| | 70-58 | Bertella, Guido Joseph | P | F | P | P | |
| * | 77-342 | Bethell, John L. | Ex | Ex | P | P | 3 |
| * | 78-363 | Bolduc, Stephen Louis | P | P | P | P | 1,2,3,4 |
| | 76-585 | Buckley, Terry Vernon | F | P | F | F | 2 |
| | 76-508 | Chen, James Shu Chih | Ex | Ex | F | P | |
| | 78-309 | Clark, John Edmund | Ex | Ex | P | F | 3 |
| * | 78-347 | Daemen, Jaak Joseph K. | Ex | Ex | P | P | 3,4 |
| | 70-311 | Dalrymple, Guerry M. | F | F | F | P | |
| | 78-233 | Edler, Floyd Charles | Ex | Ex | F | F | |
| | 77-118 | Fleet, Fred Everett | F | F | F | F | |
| | 75-354 | Funderburk, Harvey Alex. | F | P | P | P | |
| | 78-262 | Gappinger, Elliott Dale | Ex | Ex | P | F | 3 |
| * | 78-34 | Glancy, Michael Owen | Ex | Ex | P | P | 3,4 |
| * | 77-433 | Harabor, Mihai | P | P | P | P | 3 |
| | 77-297 | Hope, Ronald Joseph | F | F | F | DNA | |
| * | 77-261 | Kimmel, Richard John | Ex | Ex | P | P | 4 |
| * | 77-600 | Kory, Raymond Edward | Ex | Ex | P | P | 3,4 |
| | 78-43 | Laakso, Douglas Gordon | F | P | F | P | 2, 4 |
| * | 78-264 | Langer, Larry Lewis | Ex | Ex | P | P | 3,4 |
| * | 78-31 | Lester, John Stewart | Ex | Ex | P | P | 3 |
| | 78-234 | Lovstrom, Roger P. | F | F | P | P | 3,4 |
| | 75-231 | Masowdi, Amir M. | P | F | P | F | |
| * | 77-265 | Matsushino, Anne Miyo | Ex | Ex | P | P | 3,4 |
| | 78-331 | McCabe, James L. | F | F | F | F | |

| | | PART 1 | PART 2 | PART 3 | PART 4 | PASSED |
|--------------------------------------|--------------------------|-----------|-----------|-----------|-----------|---------|
| <u>CIVIL ENGINEERING (Continued)</u> | | | | | | |
| * 77-392 | McPherson, Dale Jon | P | P | P | P | 3 |
| 76-10 | Mercer, Donald Jay | Ex | Ex | Ex | F | |
| * 77-621 | Meinhardt, Robert Gerald | Ex | Ex | P | P | 3 |
| 76-103 | Milicevic, Novica | F | P | F | F | |
| 75-421 | Nixon, Charles Gilbert | P | F | P | P | |
| * 76-384 | Ochoa-Romero, Ramon B. | Ex | Ex | P | Ex | 3 |
| 78-306 | Paez, Antonio C. | Ex | Ex | P | F | 3 |
| * 77-253 | Rausch, Robert Ralph | Ex | Ex | P | P | 3,4 |
| * 78-373 | Reimer, Ronald Gene | Ex | Ex | P | P | 3,4 |
| * 78-367 | Saksena, Dharendra K. | P | P | P | P | 1,2,3,4 |
| 76-566 | Savicky, John Lee | Ex | Ex | P | F | |
| * 77-377 | Scoble, Francis Matthew | P | P | P | P | 3 |
| * 78-45 | Sebba, Jon Brigish | Ex | Ex | P | P | 3,4 |
| * 78-356 | Sever, Bert William | Ex | Ex | P | P | 3,4 |
| 78-85 | Skibitzke, Herbert E. | Ex | Ex | F | P | 4 |
| 78-308 | Spain, James Clark | Ex | Ex | F | F | |
| * 78-313 | Sublette, William Robert | Ex | Ex | P | P | 3,4 |
| * 77-623 | Techapinyawat, Sompote | Ex | Ex | P | P | 3 |
| * 78-57 | Wetz, Norman Harold | Ex | Ex | P | P | 3,4 |
| 76-320 | Wilkie, Paul Albert | F | P | F | F | |
| * 78-374 | Williams, Damon Scott | Ex | Ex | P | P | 3,4 |
| 76-68 | Wilson, John Lawrence | Ex | Ex | F | F | |
| 76-407 | Yeager, Larry Richard | Ex | Ex | F | F | |

ELECTRICAL ENGINEERING

| | | | | | | |
|----------|-------------------------|----|----|---|---|---------|
| * 78-52 | Ames, Stephen Alexander | P | P | P | P | 1,2,3,4 |
| * 77-269 | Ananthanarayanan, Bal. | P | P | P | P | 4 |
| 77-555 | Austin, Barry E. | P | F | P | F | 1, 3 |
| 77-550 | Baltier, Francisco V.L. | P | P | P | F | |
| * 78-163 | Bone, Dale Hansel | Ex | Ex | P | P | 3,4 |
| 75-483 | Brown, David Canby | P | F | P | F | |
| 77-255 | Butkovich, James T. | P | F | P | P | 1 |
| 75-185 | Campbell, William | P | F | P | P | |
| 76-52 | Clark, Roger William | Ex | Ex | F | P | |
| * 77-325 | Davis, John Edward | Ex | Ex | P | P | 4 |
| * 78-115 | Demcko, John Andrew | P | P | P | P | 1,2,3,4 |

| | PART 1 | PART 2 | PART 3 | PART 3 | PASSED | |
|---|----------------------------|-----------|-----------|-----------|--------|--------------|
| <u>ELECTRICAL ENGINEERING (Continued)</u> | | | | | | |
| 77-214 | Emmons, Glen T. | Ex | Ex | P | F | 3 |
| 77-589 | Garringer, Hal Leslie, Jr. | F | P | F | P | 2, 4 |
| 74-669 | Haines, Robert Thomas | F | P | P | P | 2 |
| * 77-308 | Hall, Esrie Sherman, Jr. | P | P | P | P | 3 |
| * 77-530 | Hartig, Richard Nicholas | Ex | Ex | P | P | 3,4 |
| 76-578 | Hawkins, Dan J. | Ex | Ex | F | F | |
| * 77-661 | Holmerud, Gene | Ex | Ex | P | P | 3,4 |
| 77-341 | Jolley, Virdes Allen | P | P | F | P | |
| 78-246 | Jones, Kenneth Joseph | Ex | Ex | F | P | 4 |
| * 76-249 | Kelly, John Howard | Ex | Ex | P | P | 3,4 |
| * 78-3 | Kroese, Arthur Jerome | Ex | Ex | P | P | 3,4 |
| 77-562 | Krueger, Alan John | P | P | P | F | |
| 10529 | Kulkarni, Yashavant V. | P | P | | | 1,2 (record) |
| 72-487 | Loar, James Alpha | P | P | P | F | |
| * 77-615 | McGlothlin, Gerald Edward | P | P | P | P | 1,2,3,4 |
| 70-240 | Martinez, Joseph B. | Ex | Ex | F | F | |
| * 77-592 | Pinter, Duane Leo | P | P | P | P | 1,2,3 |
| 76-536 | Reiter, William Anthony | Ex | Ex | F | P | |
| * 78-41 | Slick, David Peter | Ex | Ex | P | P | 4 |
| * 78-339 | Ward, John | Ex | Ex | P | P | 3,4 |
| 77-121 | Zaletel, Edward Anthony | Ex | Ex | F | P | 4 |
| <u>GEOLOGICAL ENGINEERING</u> | | | | | | |
| * 78-316 | South, David L. | P | P | P | P | 1,2,3,4 |
| 70-226 | Youell, James Robert | P | F | P | P | |
| <u>HIGHWAY ENGINEERING</u> | | | | | | |
| 74-166 | Blizzard, Max Sharon | F | F | F | P | |
| 74-271 | Bloom, Norman Kenneth | P | F | F | P | |
| 76-291 | Boren, Ervin Lester | F | F | F | F | |
| 76-151 | Foster, Thomas Daniel | F | P | P | F | 2 |
| 73-44 | Key, Orin William | P | F | P | P | |
| 74-173 | Lay, George John | P | F | P | P | |
| 70-413 | Patty, John Harlan | F | P | P | P | |
| 73-290 | Snyder, Jack Duane, Sr. | F | P | P | P | |
| * 75-492 | Taylor, Allen Richard | P | P | P | P | 4 |
| 76-85 | Wright, Edward Dickinson | F | F | P | F | |

| | | PART 1 | PART 2 | PART 3 | PART 4 | PASSED |
|----------------------------------|------------------------------|--------|--------|--------|--------|-------------|
| <u>INDUSTRIAL ENGINEERING</u> | | | | | | |
| 78-355 | Hoffman, Albert | Ex | Ex | F | F | |
| <u>MECHANICAL ENGINEERING</u> | | | | | | |
| * 75-546 | Cooper, Howard M. | Ex | Ex | P | P | 3 |
| 77-655 | Drummond, David Thomas | F | F | F | F | |
| 78-269 | Fox, Andrew John | F | F | DNA | DNA | |
| * 78-323 | Gin, Donald M. | P | P | P | P | 1,2,3,4 |
| 78-130 | Hannifin, Edmund Normand | F | F | F | P | 4 |
| 76-20 | Hartman, Paul Oliver | P | P | F | P | |
| * 77-549 | Hero, John Richard, Jr. | P | P | P | P | 1,2,3,4 |
| 77-642 | Laine, Roger Alan | P | P | F | F | |
| 77-401 | Meraz, Julio Cesar | F | F | P | P | |
| 70-432 | Miller, Marion Edward | F | F | P | P | |
| 78-10 | Schwartz, Steven Douglas | Ex | Ex | F | P | |
| 77-213 | Shaub, Fred Eugene | P | P | F | P | 4 |
| * 77-660 | Shonerd, Wesley A. | Ex | Ex | P | P | 3 |
| 77-594 | Singh, Rajinder | Ex | Ex | F | P | |
| * 76-333 | Skiles, Donnie Grugett | Ex | Ex | P | P | 4 |
| 78-81 | Sullivan, Paul Eugene | Ex | Ex | F | P | 4 |
| 77-252 | Thies, Joel O. | P | P | P | F | |
| 77-641 | Thornberry, Harold Louis, Jr | P | P | F | F | |
| * 78-358 | Thrall, Patrick James | Ex | Ex | P | P | 3,4 |
| * 76-535 | Weakland, Bernard Harold, Jr | P | P | P | P | 4 |
| * 78-267 | White, Noel Robinson | Ex | Ex | P | P | 3,4 |
| 77-509 | Williams, Meredith L. | Ex | Ex | F | P | |
| 77-425 | Woolsoncroft, Howard Lee | P | P | F | P | |
| <u>METALLURGICAL ENGINEERING</u> | | | | | | |
| * 78-282 | Nelson, Roger Raymond | Ex | Ex | P | P | 3,4 |
| <u>MINING ENGINEERING</u> | | | | | | |
| 11641 | Attaway, Michael Patrick | P | P | | | 1,2(record) |
| <u>SANITARY ENGINEERING</u> | | | | | | |
| * 78-343 | Moore, Terry Lee | Ex | Ex | P | P | 3,4 |
| * 78-146 | Scoutten, Woodrow C., Jr. | Ex | Ex | P | P | 3,4 |
| 77-573 | Willis, Brayton P., Jr. | F | F | P | F | |

| | | PART 3 | PART 4 | PART 5 | PART 6 | PASSED |
|-------------------------------|-------------------------|-----------|-----------|-----------|-----------|---------|
| <u>STRUCTURAL ENGINEERING</u> | | | | | | |
| 78-257 | Furman, Hal M. | Ex | Ex | F | F | |
| * 78-30 | Hess, Steven Alan | P | P | P | P | 3,4,5,6 |
| * 78-287 | McClanahan, Keith John | P | P | P | P | 3,4,5,6 |
| 76-374 | Marwah, Dharam Pal | Ex | Ex | P | F | |
| 78-48 | Narasimhan, Anantan. K. | Ex | Ex | P | F | 5 |
| * 78-212 | Nelson, Fred Martin | Ex | Ex | P | P | 5,6 |
| * 78-311 | Parker, Barry Gale | Ex | Ex | P | P | 5,6 |
| 75-593 | Soto, Edward Monriquez | Ex | Ex | F | P | |
| 78-8 | Stevens, Alexander M. | Ex | Ex | F | F | |
| * 78-275 | Zwickl, Keith Duane | P | P | P | P | 3,4,5,6 |

| | | 1 | 2 | | | PASSED |
|-----------------|-------------------------|---|---|--|--|--------|
| <u>ASSAYING</u> | | | | | | |
| * 78-364 | Schloatman, Marvin Dean | P | P | | | 1,2 |

| | | PART 1 | PART 2 | PART 3 | PART 4 | PASSED |
|----------------|--------------------------|-----------|-----------|-----------|-----------|--------|
| <u>GEOLOGY</u> | | | | | | |
| 77-1 | Armstrong, Edward J. | F | F | P | P | 4 |
| 78-280 | Cousins, Noel Boyd | Ex | Ex | P | F | 3 |
| * 75-244 | Langland, Leo Lee | Ex | Ex | P | P | 3 |
| * 78-318 | Scherffius, William Edw. | P | P | Ex | Ex | 1,2 |

| | | | | | | PASSED |
|-----------------------|-------------------------|----|----|---|---|--------|
| <u>LAND SURVEYING</u> | | | | | | |
| 77-290 | Alcocer, Richard | P | P | P | F | 3 |
| * 76-26 | Andrews, Jeffrey Lynn | P | P | P | P | 2 |
| 77-349 | Barbee, William Francis | P | P | F | F | 2 |
| 74-419 | Bowlin, Gerald Ray | P | P | P | F | 3 |
| 77-467 | Braden, Larry David | P | P | P | F | 2 |
| * 77-418 | Buchanan, Jack Alfred | P | P | P | P | 4 |
| 77-634 | Brugger, Norman Dale | P | F | F | F | |
| 76-304 | Burns, Robert Dwight | P | Ex | P | F | |
| * 77-315 | Carne, James Louis, Jr. | P | P | P | P | 3,4 |
| 78-278 | Corsaro, James V. | P | P | P | F | 1,2,3 |
| * 76-65 | Courtney, John Everett | P | P | P | P | 4 |
| 78-260 | Dale, Edward E. | P | F | P | F | 1, 3 |
| 78-304 | DeWitt, Wendell Fred | P | P | P | F | 1,2,3 |
| 77-257 | Dryden, Charles Wyatt | Ex | Ex | P | F | |
| 78-176 | Easter, Jack A. | Ex | Ex | F | F | |

| | PART 1 | PART 2 | PART 3 | PART 4 | PASSED | |
|-----------------------------------|-----------------------------|-----------|-----------|-----------|--------|---------|
| <u>LAND SURVEYING (Continued)</u> | | | | | | |
| 72-653 | Engle, Thomas Edwin | P | P | P | F | 3 |
| 77-608 | Evans, Roy Lee | F | P | F | F | 2 |
| 74-181 | Gardiner, Theodore E., Sr. | P | F | P | F | |
| 77-598 | Gingles, William James, Sr. | F | P | P | F | 2,3 |
| 76-268 | Hall, James Joseph | P | P | P | F | 3 |
| 76-47 | Horacek, Jerry Lee | P | P | P | F | 1,2 |
| 78-390 | Jones, Arvel Ray | P | F | F | F | 1 |
| 76-34 | Kehart, Richard William | P | P | P | F | 3 |
| * 78-230 | Morgan, Raymond Dale | P | P | P | P | 1,2,3,4 |
| 78-276 | Mouland, Dennis James | P | P | P | F | 1,2,3 |
| 77-293 | Murrey, David Howard | P | P | F | F | |
| 77-109 | Muth, James Edward | P | P | P | F | 2,3 |
| 78-346 | Nykorchuk, David John | P | P | P | F | 1,2,3 |
| 74-297 | Payton, Donald Wayne | F | F | F | F | |
| 71-281 | Pidskalny, Robert Andrew | P | P | P | F | |
| 77-12 | Prescott, Steven Reed | P | P | P | F | |
| 77-226 | Rice, George William | P | F | P | F | 3 |
| 77-57 | Robberson, Allen Gregory | P | F | P | F | 3 |
| 77-174 | Sanchez, Carlos | P | F | F | F | 1 |
| 72-628 | Smith, Romain Harold | P | P | F | F | |
| *77-645 | Stone, Dale Wayne | P | P | P | P | 1,2, 4 |
| 78-148 | Sturniolo, Fredrick J. | P | P | P | F | 1,2,3 |
| * 76-194 | Thornhill, James Dewey | P | P | P | P | 4 |
| 69-77 | Torres, Alfonso | P | F | P | F | |
| 77-119 | Whitmer, Larry Kay | P | P | P | F | 1, 3 |
| 76-237 | Wight, Dan Lynn | P | P | P | F | |

ENGINEER-IN-TRAINING

| | | | | | |
|---------|------------------------------|---|---------|--------------------------|---|
| 78-149 | Anderson, Peter Eric | F | 78-230 | Hvidsten, Mark Lee | P |
| 78-199 | Antonio, Joseph J. | F | *78-159 | Jackson, James B. | P |
| *78-200 | Arakaki, Gerald K. | P | 78-181 | Jacquemin, Christopher L | P |
| *78-150 | Ash, Nancy Katherine | P | 78-231 | Johnson, Karl P. | P |
| 76-8 | Ballesteros, Louis C. | F | 78-232 | Johnson, Mark Howard | P |
| *78-174 | Ballis, Robert James | P | 78-233 | Jones, Kermit | F |
| 78-201 | Barber, Dennis A. | P | 78-234 | Jones, Michael D. | P |
| 78-208 | Barnes, John Philip | P | 78-235 | Kahler, David R. | P |
| 78-209 | Barnes, John S. | P | *78-160 | Keiser, Ronald Jeffrey | P |
| 78-202 | Baxter, James Robert | P | 78-236 | Kelly, George J. | P |
| 78-210 | Belshe, Mark Lawrence | P | 78-180 | Klensin, Barbaraann L. | F |
| *78-211 | Blais, Russell V. | P | 78-55 | Krall, George W. | P |
| 78-203 | Bradford, Jon C. | P | 78-161 | Kroosting, Ronald Roy | F |
| *78-40 | Bunch, Michael John | P | 78-237 | Kucko, Kenneth | P |
| 78-212 | Cagle, Donald Wayne | P | 78-238 | Lane, Richard | P |
| 78-205 | Cannon, Lawrence D. | P | 78-239 | Laughlin, James T., Jr. | P |
| 78-206 | Cannon, Mark Russell | P | 78-162 | Lester, Billy Royce | F |
| 78-39 | Casper, Ronald James | F | 78-240 | Lewis, Wade E. | P |
| 77-136 | Cawood, Carl G. | F | 78-241 | Lorentz, David R. | P |
| 78-265 | Cole, Glen Charles | P | 75-205 | Luebkin, Dennis | F |
| *78-151 | Collard, Leonard B. | P | 78-36 | Lyll, Albert Neil, III | F |
| *78-42 | Collings, William E. | P | 78-242 | Lyon, Charles Crosby | P |
| 78-153 | Connell, Christopher V. | F | *77-131 | Maldonado, Larry M. | P |
| *78-154 | Crabb, David Hans | P | *78-163 | Martini, Albert D. | P |
| 78-214 | Cunningham, Thomas Glenn, Jr | P | 78-243 | Meyer, Jama K. | P |
| 77-14 | Daily, Michael Dennis | F | 78-182 | Mills, Barbara Louise | P |
| 78-207 | Davis, Gregory | P | 78-244 | Mills, Stephen A. | P |
| 78-190 | Davis, Robert Allen | P | 77-142 | Morreale, Antonio | F |
| 78-155 | DeCorse, Gretchen L. | P | 78-164 | Morton, Chester M. | P |
| 78-176 | Dentz, Alice H. | F | 78-245 | Neenan, James Joseph | P |
| 78-215 | Ehman, Zina Maria | P | 78-165 | Nickel, Patrick Brian | P |
| 78-216 | Ellefson, Chris S. | P | 78-246 | Palmer, James Stewart | P |
| *78-46 | Emerson, Asher D. | P | 77-132 | Passarelli, Raymond J. | P |
| 78-217 | Esquibel, Ignacio B. | F | *78-192 | Passmore, Clifford Alan | P |
| 78-218 | Euwema, Michael S. | P | *78-184 | Paul, Clifford Robert | P |
| 78-219 | Evjen, Randolph M. | P | *77-23 | Perez, Joe E. | P |
| 78-156 | Fairweather, Robert Kenneth | F | *78-193 | Pierce, Raymond E. | P |
| 78-220 | Falletta, Robert | P | 78-10 | Rakkrathok, Somchet | F |
| 78-263 | Fitzsimonds, Michael R. | F | 78-267 | Rakow, Susan L. | P |
| 78-221 | Genaux, Maia E. | P | 78-247 | Reed, Walter D. | P |
| 78-178 | Ginsburg, Claude William | P | 78-248 | Rieffer, Stephen | P |
| 78-179 | Grosvenor, Peter James | P | 78-268 | Riley, Henry W., Jr. | F |
| 78-223 | Hafker, Jon Stephen | P | 78-249 | Rockwell, Karl P. | P |
| 78-224 | Hanson, Johnnie L. | F | 78-254 | Rosoff, Henry | P |
| 78-225 | Hastings, Brian Lee | P | 78-67 | Rudy, Thomas | P |
| 78-226 | Havican, Patrick M. | P | 78-255 | Russell, Michael Edw. | P |
| 78-177 | Heckathorn, Lawrence John | P | 78-250 | Saathoff, Gary Dean | P |
| 78-227 | Helmer, Paul Krez | P | *78-194 | Schebler, Steven P. | P |
| 78-228 | Henry, Thomas S. | P | 78-251 | Seubert, Stuart H. | P |
| 78-19 | Hinderer, Grant Kelly | F | 78-256 | Sherman, Charles E. | P |
| 78-157 | Hlobil, Zena | P | 78-252 | Sherry, Robert William | P |
| 78-191 | Hofferber, John Edward | P | 78-186 | Shipione, Michael Jerome | P |
| 78-158 | Holder, Michael D. | F | *78-257 | Shirvani-Kenareki, Grish | P |
| 78-229 | Hosea, Thomas James | P | 78-185 | Sisley, Tina Marie | F |
| *78-9 | Huber, Ronald D. | P | *78-4 | Small, George N. | P |

ENGINEER-IN-TRAINING (Continued)

| | | |
|---------|---------------------------|---|
| 78-264 | Smith, Jeffrey C. | P |
| 78-196 | Spinner, Scott Lee | P |
| 78-253 | Stambaugh, Steven Randall | P |
| *78-32 | Sterling, Carl D. | P |
| 78-258 | Stratton, Mark Raymond | P |
| 78-259 | Stulak, Larry | F |
| 78-260 | Tadano, Richard Shiro | P |
| *78-261 | Teale, Johnny Lynn | P |
| 78-166 | Telson, Stanley A. | P |
| 78-197 | Turner, Paul Wesley | P |
| 78-168 | Vana, Bruce D. | F |
| *78-167 | Van Loo, E. Thompson | P |
| 78-169 | Vyas, Manoj Navinchandra | F |
| 78-262 | Waller, Donald J. | P |
| 78-187 | Walter, Nancy Jean | P |
| 78-170 | Ware, William F. | F |
| 78-171 | Weber, Steven W. | F |
| 78-130 | Weeks, Thomas Harrison | F |
| 78-266 | Wheelis, Bennie G., Jr. | P |
| *78-188 | White, Daniel Howard | P |
| 78-172 | Wilson, Dexter | P |
| 78-189 | Winn, James Little | P |
| 78-198 | Wong, Yan Chun | P |

GEOLOGIST-IN-TRAINING

| | | |
|-------|----------------------------|---|
| *77-1 | Bales, James Thomas | P |
| *78-2 | Banks, Elizabeth Young | P |
| *78-3 | Cordy, Gail E. | P |
| *78-6 | Kluth, Mary JoAnne | P |
| 78-1 | Murphy, Barbara Harrington | F |
| 78-4 | Niccoli, Mary Ann | F |

It was moved by Mr. Goodwin and seconded by Mr. Trimble that the following applicants for professional registration, having completed the personal audience and all other requirements of this Board, be granted registration and assigned the registration numbers as indicated. Motion passed.

ARCHITECTURE

| | |
|-----------------------------|-------|
| Bogott, Kent Gordon | 12127 |
| Bragg, Thomas Ingram | 12128 |
| Briggs, Ronald Lee | 12129 |
| Broman, Ivan Lee | 12130 |
| Brower, Myron Riggs | 12131 |
| Canales, James | 12132 |
| Cosentino, Anthony P. | 12133 |
| Dercks, David William | 12134 |
| Felder, Larry Joe | 12135 |
| Froeb, Charles Frederick,II | 12136 |
| King, Myson Brian | 12137 |
| Larsen, Leon J. | 12138 |
| Lauser, Lawrence Charles | 12139 |
| Nielsen, Tim Richard | 12140 |
| Pokorski, Thomas C. | 12141 |
| Posedly, Jane Hamilton | 12142 |
| Power, Barbara Joyce | 12143 |
| Roy, Arnold | 12144 |
| Saxton, Richard Earl | 12145 |
| Seats, Timothy Alan | 12146 |
| Solochek, Arlen Mark | 12147 |
| Territo, Vincent M. | 12148 |
| Walzer, Mitchell Barton | 12149 |
| Wilson, David Walter | 12150 |
| Wilson, James Marvin | 12151 |
| Windham, Scott Avery | 12152 |

CHEMICAL ENGINEERING

| | |
|--------------------------|-------|
| Hammon, Lyndon Ray | 12153 |
| Stephens, Frank Anderson | 12154 |

CIVIL ENGINEERING

| | |
|------------------------|-------|
| Babcock, Joseph Andrew | 12155 |
| Bethell, John L. | 12156 |
| Bolduc, Stephen Louis | 12157 |
| Daemen, Jaak Joseph K. | 12158 |
| Glancy, Michael Owen | 12159 |
| Harabor, Mihai | 12160 |
| Kimmel, Richard John | 12161 |
| Kory, Raymond Edward | 12162 |
| Langer, Larry Lewis | 12163 |
| Lester, John Stewart | 12164 |

CIVIL ENGINEERING (Continued)

| | |
|--------------------------|-------|
| Matsushino, Anne Miyo | 12165 |
| McPherson, Dale Jon | 12166 |
| Meinhardt, Robert Gerald | 12167 |
| Ochoa-Romero, Ramon B. | 12168 |
| Rausch, Robert Ralph | 12169 |
| Reimer, Ronald Gene | 12170 |
| Saksena, Dharendra K. | 12171 |
| Scoble, Francis Matthew | 12172 |
| Sebba, Jon Brigish | 12173 |
| Sublette, William Robert | 12174 |
| Techapinyawat, Sompote | 12175 |
| Wetz, Norman Harold | 12176 |
| Williams, Damon Scott | 12177 |

ELECTRICAL ENGINEERING

| | |
|-------------------------------------|-------|
| Ames, Stephen Alexander | 12178 |
| Anathanarayanan, Balan- arayanan | 12179 |
| Bone, Dale Hansel | 12180 |
| Davis, John Edward | 12181 |
| Demcko, John Andrew | 12182 |
| Hall, Esrie Sherman, Jr. | 12183 |
| Hartig, Richard Nicholas | 12184 |
| Holmerud, Gene | 12185 |
| Kelly, John Howard | 12186 |
| Kroese, Arthur Jerome | 12187 |
| McGlothlin, Gerald Edward | 12188 |
| Pinter, Duane Leo | 12189 |
| Slick, David Peter | 12190 |
| Ward, John | 12191 |

GEOLOGICAL ENGINEERING

| | |
|-----------------|-------|
| South, David L. | 12192 |
|-----------------|-------|

HIGHWAY ENGINEERING

| | |
|-----------------------|-------|
| Taylor, Allen Richard | 12193 |
|-----------------------|-------|

Continued...

MECHANICAL ENGINEERING

| | |
|-------------------------------|-------|
| Cooper, Howard M. | 12194 |
| Gin, Donald M. | 12195 |
| Hero, John Richard, Jr. | 12196 |
| Shonerd, Wesley A. | 12197 |
| Skiles, Donnie Grugett | 12198 |
| Thrall, Patrick James | 12199 |
| Weakland, Bernard Harold, Jr. | 12200 |
| White, Noel Robinson | 12201 |

METALLURGICAL ENGINEERING

| | |
|-----------------------|-------|
| Nelson, Roger Raymond | 12202 |
|-----------------------|-------|

SANITARY ENGINEERING

| | |
|---------------------------|-------|
| Moore, Terry Lee | 12203 |
| Scoutten, Woodrow C., Jr. | 12204 |

STRUCTURAL ENGINEERING

| | |
|------------------------|-------|
| Hess, Steven Alan | 12205 |
| McClanahan, Keith John | 12206 |
| Nelson, Fred Martin | 12207 |
| Parker, Barry Gale | 12208 |
| Zwickl, Keith Duane | 12209 |

ASSAYING

| | |
|-------------------------|-------|
| Schloatman, Marvin Dean | 12210 |
|-------------------------|-------|

GEOLOGY

| | |
|----------------------------|-------|
| Langland, Leo Lee | 12211 |
| Scherffius, William Edward | 12212 |

LAND SURVEYING

| | |
|-------------------------|-------|
| Andrews, Jeffrey Lynn | 12213 |
| Buchanan, Jack Alfred | 12214 |
| Carne, James Louis, Jr. | 12215 |
| Courtney, John Everett | 12216 |
| Morgan, Raymond Dale | 12217 |
| Stone, Dale Wayne | 12218 |
| Thornhill, James Dewey | 12219 |

It was moved by Mr. Goodwin and seconded by Mr. Trimble that the following applicants for in-training registration, having satisfactorily completed the written examination, be granted in-training registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

| | |
|--------------------------|------|
| Arakaki, Gerald K. | 2024 |
| Ash, Nancy Katherine | 2025 |
| Ballis, Robert James | 2026 |
| Blais, Russell V. | 2027 |
| Bunch, Michael John | 2028 |
| Collard, Leonard B. | 2029 |
| Collings, William E. | 2030 |
| Crabb, David Hans | 2031 |
| Emerson, Asher D. | 2032 |
| Jackson, James B. | 2033 |
| Keiser, Ronald Jeffrey | 2034 |
| Maldonado, Larry M. | 2035 |
| Martini, Albert D. | 2036 |
| Passmore, Clifford Alan | 2037 |
| Paul, Clifford Robert | 2038 |
| Perez, Joe E. | 2039 |
| Pierce, Raymond E. | 2040 |
| Schebler, Steven P. | 2041 |
| Shirvani-Kenareki, Grish | 2042 |
| Small, George N. | 2043 |
| Sterling, Carl D. | 2044 |
| Teale, Johnny Lynn | 2045 |
| Van Loo, E. Thompson | 2046 |
| White, Daniel Howard | 2047 |

GEOLOGIST-IN-TRAINING

| | |
|------------------------|----|
| Banks, Elizabeth Young | 20 |
| Cordy, Gail E. | 21 |
| Kluth, Mary Jo Anne | 22 |
| Bales, James Thomas | 23 |

REPORT OF THE EXECUTIVE DIRECTOR

FEBRUARY 1, 1979

The proposed revisions to the Rules accepted by the Board at its December 7, 1978 meeting and scheduled for a public hearing on March 2, 1979 were reviewed by Mr. Ronald, the Assistant Attorney General assigned to the Board. His comments and suggestions on the proposed changes were extensive. Because of these comments and suggestions (which envision considerable difficulty in gaining approval of the revisions as presented), it is recommended that the proposed Rule revisions accepted at the last Board meeting be withdrawn for additional study and review. It is further recommended that Rule R4-30-29 be considered for immediate revision, public hearing and adoption as follows:

R4-30-29. Renewal Fees

For renewal of a certificate of registration, if received prior to December 31 of each year (a certificate of registration not renewed prior to December 31 of each year will accrue a penalty of 10 per cent of each month or fraction of month delinquency), the following fees will be required:

1. Renewal as an Architect, Assayer, Engineer, Geologist, Landscape Architect, or Land Surveyor, ~~ten~~ FIFTEEN dollars; except that persons age 70 or older shall be exempt from the registration fee provided they have been registered in Arizona for ten consecutive years immediately prior to attaining the age of 70 or older.
2. In-Training certificates, none.

This renewal fee increase to fifteen dollars (with no accompanying increased in exam and miscellaneous fees) will result in an estimated budget deficit for 1979-80 of about \$14,000. A delay in the build-up of enforcement activity could reduce that deficit substantially. Alternatively, an increase of the renewal fee to \$17 would result in a balanced budget.

Respectfully submitted,



Earle M. Cassidy
Executive Director

STATE OF ARIZONA

State Board of Technical Registration

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS

1645 W. JEFFERSON, ROOM 318

PHOENIX, ARIZONA 85007

(602) 255-4053

SCHEDULE OF EXAMINATIONS

APRIL 1979

I. SATURDAY, APRIL 7, 1979

Tempe, Arizona 7:30 A.M. Report to Room G150, Engineering Center,
Arizona State University

Tucson, Arizona 7:30 A.M. Report to Room 103, Center for English as a
Second Language (Bldg.23), University of Arizona

8:00 A.M. - 12:00 NOON

Part 1 - In-Training Exams - E.I.T. and G.I.T.

Part 1 - Fundamentals of Engineering - All branches

Part 1 - Basic Geology

Part 1 - Fundamentals of Land Surveying

Part 5 - Comprehensive Engineering Design - Structural Engineers

1:00 P.M. - 5:00 P.M.

Part 2 - In-Training Exams - E.I.T. and G.I.T.

Part 2 - Fundamentals of Engineering - All branches

Part 2 - Basic Geology

Part 2 - Fundamentals of Land Surveying

Part 6 - Structural Engineering Design

II. SUNDAY, APRIL 8, 1979

Tempe, Arizona 7:30 A.M. Report to Room G150, Engineering Center,
Arizona State University

Tucson, Arizona 7:30 A.M. Report to Rooms 301 and 303, Civil Engineering,
(Bldg.72), University of Arizona

8:00 A.M. - 12:00 NOON

Part 3 - Principles and Practices of Engineering - All branches

Part 3 - Applied Geology

Part 3 - Principles and Practices of Land Surveying

1:00 P.M. - 5:00 P.M.

Part 4 - Principles and Practices of Engineering - All branches

Part 4 - Geological Problems

Part 4 - Land Surveying Legal Principles

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

MARCH 2, 1979

The regular quarter-annual meeting of the State Board of Technical Registration was called to order by Mark Edson, Chairman, at the University of Arizona, Education Building, Room 211, Tucson, Arizona on Friday, March 2, 1979 at 10:00 A.M.

PRESENT

Mark Edson, Chairman
 Rod Gomez, Vice-Chairman
 Wayne Earley
 Kemper Goodwin
 Rudy Jimenez
 John Trimble

ABSENT

Pat Porcarello, Secretary
 Sam Caruso
 Charles O'Bannon

Those present constituted a quorum.

It was moved by Mr. Trimble and seconded by Mr. Goodwin that the minutes of the special meeting of the Board held on February 2, 1979 be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

The public hearing for the adoption of the proposed change to Rule R4-30-29, Renewal Fees, was held at 10:15 A.M. There were no persons present to present statements, arguments or contentions, and there was no correspondence received regarding this proposed change in the rules.

It was moved by Mr. Trimble and seconded by Mr. Gomez that the proposed rule change to Rule R4-30-29, Renewal Fees, as shown on Minute Page 4153 be adopted subject to certification by the Attorney General. Motion carried.

Mr. Trimble then presented to the Board the proposed By-Laws changes in the report shown on Minute Page 4154.

It was moved by Mr. Trimble and seconded by Mr. Earley that Section I, 4 be revised to change "June" to "September", but to eliminate the proposed change as shown by the sentence underlined. Motion passed.

Mr. Trimble moved that Section II, 1 and Section II, 4 be revised as shown in the report on Minute Page 4154. Mr. Earley seconded the motion; motion carried.

Mr. Trimble moved that Section IV be revised to change "March" to "December" in the second sentence. Mr. Earley seconded this motion. Motion carried.

REPORT OF THE EVALUATION AND EXAMINATION COMMITTEESArchitectural Committee Report

Mr. Goodwin, Chairman, presented the Report of the Architectural Evaluation Committee shown on Minute Pages 4155 and 4156.

1. Mr. Goodwin moved that Item 1 of this report be approved and implemented by the Board. Mr. Earley seconded this motion. Motion carried.
2. Mr. Goodwin moved and Mr. Trimble seconded that Item 2 be approved and implemented by the Board. Motion carried.
3. Rosen, Sheldon Douglas, 78-295 It was moved by Mr. Goodwin and seconded by Mr. Gomez that Mr. Rosen's application be referred back to the Architectural Evaluation Committee for further determination of his qualifications by oral examination and review of his architectural design projects. Motion carried.
4. It was moved by Mr. Goodwin and seconded by Mr. Trimble that Item 4 of the Architectural Evaluation Committee report be accepted and implemented by the Board. Motion passed.

Qualifying Test

It was moved by Mr. Goodwin and seconded by Mr. Gomez that applicants for registration who are not graduates of an accredited architectural program be required to pass the Qualifying Test before being allowed to take Section B of the Professional Examination. Motion passed unanimously.

Experience Satisfactory to the Board

It was moved by Mr. Trimble and seconded by Mr. Gomez that Appendix B of the NCARB Circular of Information No. 1, 1978, be adopted by the Board as its basic criteria for architectural experience "of a character satisfactory to the Board". Motion carried.

NCARB and WCARB Conventions

Mr. Earley made a motion to approve the delegates nominated and authorize out-of-state travel funds to these conventions. Mr. Gomez seconded the motion; motion carried.

| | | |
|-------|------------------------------------|-----------------------------|
| NCARB | June 20-23, 1979, Cambridge, Mass. | F.Mark Edson/Earle Cassidy |
| WCARB | March 15-17, 1979, Salt Lake City | F.Mark Edson/Kemper Goodwin |

Technical Registration Board vs. Amlee, Richard E. (Complaint 78-007)

It was moved by Mr. Goodwin and seconded by Mr. Gomez that this file be closed. Motion carried.

Engineering Committee Report

The Engineering Evaluation Committee Report shown as Minute Pages 4157-4162 was presented to the Board by Mr. Gomez.

1. Mr. Gomez moved that Item 1 of the report be accepted and implemented by the Board. Mr. Jimenez seconded this motion; motion carried.
2. It was moved by Mr. Gomez and seconded by Mr. Earley that the applicants listed in Item 2 of the Engineering report be held for examination with the exception of those who had requested reconsideration of the Committee's recommendation; namely, Jack M. Geller, Jan L. Hunsaker, and Kenneth King Isaacson. Motion carried.
3. It was moved by Mr. Gomez and seconded by Mr. Trimble that the two applicants listed in Item 3 of the report be denied and given refunds as recommended. Motion carried.
4. It was moved by Mr. Gomez and seconded by Mr. Trimble that the applicants listed in Item 4 of the report be approved for registration. Motion carried.
5. Lacandola, Ruben Y. Civil Engineer 78-439, Land Surveyor 78-440
It was moved by Mr. Gomez and seconded by Mr. Trimble that the Committee's recommendation be approved and that Mr. Lacandola be approved for registration. Motion carried.
6. Boren, Ervin Lester 76-291, Highway Engineer
It was moved by Mr. Gomez and seconded by Mr. Goodwin that the recommendations of the Committee shown in Item 6 of the report be approved by the Board. Motion carried.
7. Highway Engineering Branch
It was moved by Mr. Gomez and seconded by Mr. Goodwin that the Committee's recommendation be adopted to eliminate the branch of Highway Engineering. Motion carried. This matter was referred to Rules and By-Laws Committee for preparation of the Rule change involved.
8. Geology Examinations
It was moved by Mr. Gomez moved and Mr. Trimble seconded the acceptance of the Committee's recommendation as shown in Item 8 of Minute Page 4161 regarding the Geology Examinations. Motion carried.
9. Registration of Hydrologists
It was moved by Mr. Gomez and seconded by Mr. Jimenez that the Committee's recommendation be approved. Motion carried.
10. Committee Policies
It was moved by Mr. Gomez and seconded by Mr. Goodwin that the Committee's recommendation shown as Item 10 of the report be approved as presented with the words "to the Board" added under A.(1) after experience. Motion carried.

Engineering Committee Report (Continued)11. NCEE and WESZONE Conventions

It was moved by Mr. Gomez and seconded by Mr. Trimble that the Board approve the expenditure of out-of-state travel funds to send delegates as indicated to the following meetings of the NATIONAL COUNCIL OF ENGINEERING EXAMINERS:

| | |
|------------------------------------|---------------------|
| Western Zone, Santa Fe, New Mexico | Rod J. Gomez |
| May 6-8, 1979 | Charles E. O'Bannon |

| | |
|--|--|
| NCEE Annual Meeting, Norfolk, Virginia | Rudolph A. Jimenez |
| August 5-8, 1979 | Earle M. Cassidy or John B. Trimble |

12. ComplaintsRenner & Staton

It was moved by Mr. Trimble and seconded by Mr. Jimenez that this file be closed and that all parties be so notified. Motion carried.

Golder Associates, Inc.

It was moved by Mr. Trimble and seconded by Mr. Gomez that this file be closed and that all parties be so notified. Motion carried.

French vs. Havill and French vs. Mathein

It was moved by Mr. Trimble and seconded by Mr. Gomez that these complaints be dismissed for lack of evidence of misconduct on the parts of Havill and Mathein, and that all parties be so notified. Motion carried.

Landscape Architectural Committee Report

The Landscape Architectural Evaluation Committee Report shown on Minute Page 4163 was presented to the Board by Mr. Earley, Chairman.

It was moved by Mr. Earley and seconded by Mr. Goodwin that the recommendation regarding Mr. Rohr be approved and implemented by the Board. Motion carried.

DENIALS (Shown on Minute Page 4164.)

GRANTED LIST (Shown on Minute Pages 4165-4167.)

REPORT OF LEGISLATIVE COMMITTEE

Dr. Jimenez discussed the current status of several legislative bills affecting registration.

REPORT OF PUBLIC INFORMATION COMMITTEE

No report.

REPORT OF BUDGET COMMITTEE

No report.

REPORT OF EXECUTIVE DIRECTOR

Mr. Cassidy presented the report shown as Minute Page 4168.
Cash Flow Report is shown as Minute Page 4169.

HUNSAKER, JAN L. 78-722, Mechanical Engineer

Mr. Hunsaker appeared before the Board to appeal the Committee's recommendation to hold him for examination. After hearing Mr. Hunsaker's appeal, it was moved by Mr. Gomez and seconded by Dr. Jimenez that the recommendation of the Engineering Evaluation Committee be upheld and that Mr. Hunsaker be held for examination, Parts 3 and 4 of Mechanical Engineering.

READING OF COMMUNICATIONS

Ahmed, Moizuddin, 78-433 Mr. Ahmed requested reconsideration of the Board's decision to hold him for Parts 3 and 4 of the Civil Engineering examination. Mr. Gomez was excused from the discussion of this question. It was moved by Mr. Trimble that the Board's decision be upheld and that Mr. Ahmed be held for examination, Parts 3 and 4 of the Civil Engineering examination. The motion was seconded by Mr. Goodwin. Mr. Gomez abstained from voting. Motion passed.

Isaacson, Kenneth K. 78-642 Land Surveyor. Mr. Isaacson requested reconsideration of the Board's policy that concurrent work experience is not applicable toward multiple registration requirements and that his work experience for surveyor registration also be allowed as work experience for civil engineer registration. Mr. Gomez moved that the request be denied. The motion was seconded by Dr. Jimenez. Motion carried.

Geller, Jack M., 78-626, Mechanical Engineer. Mr. Geller requested reconsideration of the Committee's recommendation to hold him for Parts 3 and 4 of the Mechanical Engineering examination. It was moved by Mr. Gomez and seconded by Dr. Jimenez that this request be denied and that Mr. Geller be held for examination as recommended. Motion carried.

Berkovitz, Barry Charles 78-372, Civil Engineer. Mr. Berkovitz requested that he be allowed to review his November 1978 examinations. It was moved by Mr. Gomez and seconded by Dr. Jimenez that Mr. Berkovitz' request be granted. Motion carried.

It was moved by Mr. Gomez and seconded by Dr. Jimenez that requests for review of failed examinations be done by the Executive Director or the Exam Committees as appropriate at the office of the Board. Motion passed.

MILWAUKEE STATE BOARD OF TECHNICAL EDUCATION

NEW BUSINESS

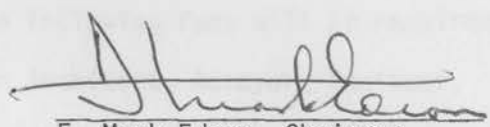
The Schedules of Examinations as shown on Minute Pages 4170 and 4171 was approved by the Board in the passing of a motion made by Mr. Trimble and seconded by Mr. Goodwin.

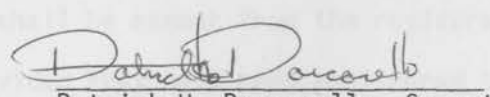
Meeting Dates

It was moved by Mr. Trimble and seconded by Mr. Gomez that the 1979 Schedule of Meetings shown on Minute Page 4172 be approved. Motion carried.

ADJOURNMENT

There being no further business before the Board, the meeting was adjourned at 3:12 P.M.


F. Mark Edson, Chairman


Patrick H. Porcarello, Secretary

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

PROPOSED RULE

Pursuant to A.R.S. §32-106 the State Board of Technical Registration proposes to adopt a rule, similar in substance, terms and conditions to the wording of the following:

Part 1. Section R4-30-29 is amended to read as follows:

R4-30-29. Renewal Fees

For renewal of a certificate of registration, if received prior to December 31st of each year (a certificate of registration not renewed prior to December 31st of each year will accrue a penalty of 10 per cent of each month or fraction of month delinquency), the following fees will be required:

1. Renewal as an Architect, Assayer, Engineer, Geologist, Landscape Architect, or Land Surveyor, ~~ten~~ SEVENTEEN dollars; except that persons age 70 or older shall be exempt from the registration fee provided they have been registered in Arizona for ten consecutive years immediately prior to attaining the age of 70 or older.
2. In-Training certificates, none.

February 22, 1979

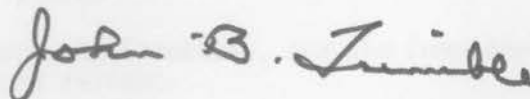
TO: State Board of Technical Registration
FROM: Rules and By-Laws Committee
SUBJECT: Proposed Changes to By-Laws

The Rules and By-Laws Committee proposes the following revisions to the By-Laws, adopted July 15, 1977:

- Section I,4 At the regular meeting of the Board in ~~June~~
September of each year the Board shall elect...
at the close of this meeting. In the event that
the newly elected chairman and vice chairman term
of the board has expired and they have not been
officially notified of their re-appointment, the
senior member of the board will assume the duties
of the chairman until the elected chairman and/or
vice chairman are re-appointed. The chairman
shall, as soon thereafter as.....
- Section II,1 (Repeal second sentence beginning, "All claims...")
- Section II,4 (Adopt as second sentence)
All claims shall be signed by the Executive Director
or the Secretary and one additional officer of the
Board.
- Section IV (Change "March" to "December" in second sentence)

These revisions were presented to the Board on December 7, 1978,
and were deferred by the Board.

Respectfully submitted,



John B. Trimble, Chairman

February 15, 1979

TO: State Board of Technical Registration
 FROM: Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met January 12, 1979 and February 9, 1979 in Phoenix, Arizona with the following members present at both meetings:

F. Mark Edson
 Kemper Goodwin

There being a quorum present at all times, the Committee reviewed the following applicants and makes to the Board the recommendations shown regarding registration in Arizona.

1. The following applicants, having appeared before the Committee and satisfied the Committee that they are fully qualified (including the treatise on seismic forces) to receive architectural registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

| | | | |
|---------------------------|--------|------------------------------|--------|
| Adams, Harold Lynn | 78-577 | Mayeux, Paul Elliott | 78-641 |
| Baxter, Dale Wilcox | 78-653 | McGarrity, Jack Johnston | 78-474 |
| Bolles, Peter Piper | 79-59 | Nelson, Richard Dubois (Jr.) | 78-652 |
| Crabb, James David | 78-611 | Russell, George W. | 79-57 |
| Curtis, John F. (Jr.) | 78-655 | Sanchez, Gilbert Arnold | 79-32 |
| DeLaMare, Winter L. | 78-639 | Schmidt, Richard Karl | 78-687 |
| Dvorak, Robert W. | 78-473 | Sharp, Richard Giles | 78-614 |
| Frew, Stephen Richard | 78-728 | Smith, Joseph Earl (III) | 79-33 |
| Geddes, Donald Cutler | 78-656 | Staniunas, Joseph Paul | 78-609 |
| Graves, Jack (Jr.) | 79-29 | Stauffer, Randolph Jay | 78-686 |
| Heidebrecht, Kenneth Dean | 79-60 | Taliaferro, Francis Tournier | 78-580 |
| Jennings, Richard Wayne | 78-729 | Tylka, Stephen J. | 78-616 |
| Kossak, Krzysztof J. | 79-101 | Woodruff, Eugene J. | 78-640 |

2. The following applicant appeared before the Committee, and it was determined that his application should be denied for lack of experience of a character satisfactory to the Board under ARS 32-122.A, with a refund as shown:

| | | |
|--------------------|--------|---------|
| Kilbane, Terry Lee | 78-651 | \$10.00 |
|--------------------|--------|---------|

3. The following applicant appeared before the Committee, and the Committee refers his application for a full Board review:

| | |
|------------------------|--------|
| Rosen, Sheldon Douglas | 78-295 |
|------------------------|--------|

continued...

4. The following applicants, having appeared before the Committee for a personal audience interview, need demonstration of additional evidence of their proficiency (ARS 32-123.B), and it is recommended to the Board that these individuals be held for written examinations in June 1979:

| | | |
|---------------------------|--------|-----------------------------|
| de la Torre, Jorge Miguel | 78-612 | Prof. Exam, Sect.A - Design |
| Kellock, George | 78-684 | Prof. Exam, Sect.A - Design |
| Reece, Michael Eugene | 78-608 | Prof. Exam, Sect.A - Design |
| Smith, Ronald Wilmer | 78-615 | Prof. Exam, Sect.A - Design |
| Tudan, Jonathan Alan | 78-548 | Prof. Exam, Sect.A - Design |

The Committee recommends that Items 1 through 4 of this report be accepted and implemented.

QUALIFYING TEST

The Committee recommends that applicants for registration who are not graduates of an accredited architectural program be required to pass the Qualifying Test before being allowed to take the Professional Examination.

EXPERIENCE SATISFACTORY TO THE BOARD

The Committee recommends that Appendix B of the NCARB Circular of Information No. 1, 1978, be adopted by the Board as its basic criteria for architectural experience "of a character satisfactory to the Board".

NCARB and WESCARB CONVENTIONS

The Committee nominates delegates to the conventions as shown and recommends that out-of-state travel funds be authorized:

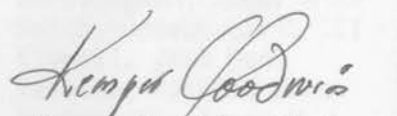
| | | |
|-------|------------------------------------|------------------------------|
| NCARB | June 20-23, 1979, Cambridge, Mass. | F. Mark Edson |
| WCARB | March 15-17, 1979, Salt Lake City | F. Mark Edson/Kemper Goodwin |

COMPLAINT

Technical Registration Board vs. Amlee, Richard E.

The Committee recommends to the Board that this complaint file be closed, since Mr. Amlee has ceased operations.

Respectfully submitted,


Kemper Goodwin, Chairman

February 21, 1979

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met January 18-19, 1979 and February 15-16, 1979 in Phoenix, Arizona with the following members present:

| | |
|-------------------|-----------------------------------|
| January 18, 1979 | Sam Caruso, Charles E. O'Bannon |
| January 19, 1979 | Rod J. Gomez, Charles E. O'Bannon |
| February 15, 1979 | Rudy A. Jimenez, John B. Trimble |
| February 16, 1979 | Rod J. Gomez, John B. Trimble |

There being a quorum present at all times, the Committee reviewed the following applicants and makes to the Board the recommendations shown regarding registration in Arizona.

- The following applicants, having appeared before the Committee and satisfied the Committee that they are fully qualified to receive registration in Arizona under ARS32-123.A and ARS32-126, are hereby recommended for registration:

CIVIL ENGINEERING

| | | | |
|------------------------------|--------|----------------------------|--------|
| Asaud, Samuel | 78-710 | Mickelson, Robert Paul | 78-706 |
| Bergman, Robert Allen | 78-597 | Miller, William Ernest | 78-556 |
| Bossert, Ralph Orland | 78-562 | Nall, Kenneth L. | 78-570 |
| Creager, Michael Alex | 78-561 | Nicol, Joseph Christian | 78-700 |
| Duren, Fred Kenneth, Jr. | 79-16 | Novak, Robert L. | 78-572 |
| Evans, David Roland | 79-2 | Paffendorf, James A. | 78-661 |
| Faulkner, Larry Reid | 78-694 | Parrott, Robert C. | 78-632 |
| Flint, Julian Winston | 78-704 | Payne, William Edward, Jr. | 78-575 |
| Gery, John Raymond | 78-621 | Reyes, Jaime | 78-594 |
| Gookin, Thomas Allen Jaudon | 78-590 | Rugaard, Lawrence C. | 78-415 |
| Hanford, Richard Warren, Jr. | 78-703 | Russell, George W. | 78-677 |
| Hermann, William Anthony | 78-635 | Sain, Charles Haskell | 78-678 |
| Harvey, David Bennett | 78-618 | Scianni, Richard Allen | 79-14 |
| Hirniak, Bohdan Paul | 78-622 | Sever, Bert William | 78-356 |
| Huff, Clark Kern | 78-587 | Shervington, Roger Alan | 78-356 |
| Leslie, Phylip John | 79-8 | Smith, Joseph Earl, III | 78-679 |
| Little, Douglas Ray | 78-362 | Stovall, Jack Lee | 78-709 |
| Lynch, John B. | 78-599 | Vasatka, Richard James | 78-674 |
| Marvin, William Lawrence | 78-689 | Wengenroth, Reece H. | 78-636 |
| McCabe, Edward M. | 79-65 | Whitmer, Arthur H. | 79-75 |
| McNutt, James Edward | 78-535 | Zimmerman, Robert Maurice | 79-13 |
| | | Kolker, Robert Jack | 78-524 |

continued...

ELECTRICAL ENGINEERING

| | |
|----------------------------|--------|
| Dull, Charles Bernerd, Jr. | 78-585 |
| Fanning, Thorley L. | 78-604 |
| Fitzgerald, Edwin Michael | 78-720 |
| Foote, Paul R. | 78-605 |
| Hsu, James Chi | 78-648 |
| Hwang, Kai-Shiu Kell | 79-58 |
| Lemmon, George Newton | 78-606 |
| Lundquist, Thomas George | 79-61 |
| Lutsch, Gene Charles | 78-602 |
| Radnoti, Thomas O. | 78-682 |
| Steiner, Sheldon Miles | 78-610 |
| Theodore, George James | 78-669 |
| Zeiger, Ronald Dean | 78-650 |

MECHANICAL ENGINEERING

| | |
|------------------------|--------|
| Comstock, Ralph James | 78-428 |
| Faber, Kaare Olav | 78-665 |
| Jackola, Thor A. | 78-627 |
| Menendez, Carlos Ramon | 78-638 |
| Mora, Raymond Frank | 78-477 |
| Tang, William | 78-629 |

STRUCTURAL ENGINEERING

| | |
|-------------------------|--------|
| Hammond, Thomas Elliott | 78-702 |
| Lindskog, Edward | 79-6 |
| Nour, Ramez William | 78-468 |
| Vasatka, Richard James | 78-675 |

GEOLOGY

| | |
|--------------------------|-------|
| Duren, Fred Kenneth, Jr. | 79-15 |
|--------------------------|-------|

LAND SURVEYING

| | |
|------------------------|--------|
| Bossert, Ralph Orland | 78-561 |
| Dalrymple, Hugh Andrew | 78-554 |
| Elam, Lynn Ray | 79-20 |
| Fish, Robert James | 79-44 |
| Kleinke, Frank Elliott | 78-620 |
| Leslie, Phylip John | 79-7 |
| Taft, Howard William | 78-688 |
| Vincent, Lawrence | 78-672 |
| Wilburn, Harold Allen | 79-11 |

2. The following applicants, having appeared before the Committee for a personal audience interview, need demonstration of additional evidence of their proficiency (ARS32-123.B), and it is recommended to the Board that these individuals be held for the written examinations in April 1979 as indicated:

CIVIL ENGINEERING

| | | |
|---------------------------|--------|---------------|
| Braunstein, Paul Eric | 78-623 | Parts 3 & 4 |
| Clemmens, Albert Jonathan | 78-714 | Parts 3 & 4 |
| Danelowitz, Mark Xavier | 78-697 | Parts 1,2,3,4 |
| DiSanza, Edmund Frank | 78-691 | Parts 3 & 4 |
| Fisher, Deborah Williams | 79-49 | Parts 3 & 4 |
| Gahl, Robert Allen | 78-558 | Parts 3 & 4 |
| Gasper, Jerone Gerald | 79-4 | Parts 3 & 4 |
| Graves, Albert Lynn | 78-498 | Parts 3 & 4 |
| Higgins, William J. | 78-690 | Parts 3 & 4 |
| Inti, Ramakrishna | 78-557 | Parts 3 & 4 |
| Kitt, John Andrew | 78-663 | Parts 3 & 4 |
| Koenekamp, Thomas Maurice | 78-645 | Parts 3 & 4 |
| Larchick, Robert Emil | 78-712 | Parts 3 & 4 |
| Liebendorfer, Paul John | 79-37 | Parts 3 & 4 |
| Maish, Charlie A. | 78-232 | Parts 1,2,3,4 |
| Mihalek, Jay Edward | 78-634 | Parts 3 & 4 |
| Nassi, Richard B. | 78-576 | Parts 1,2,3,4 |
| Offenburger, Neil Ronald | 78-591 | Parts 1,2,3,4 |
| Rice, Robert Reven | 78-643 | Parts 3 & 4 |
| Schwindt, Jon Clark | 78-713 | Parts 3 & 4 |
| Shuler, Thomas Scott | 78-673 | Parts 3 & 4 |

continued...

CIVIL ENGINEERING (continued)

| | | |
|------------------------------|--------|---------------|
| Sonnenklar, Adam Eric | 78-573 | Parts 1,2,3,4 |
| Thon, Curtis Lee | 78-701 | Parts 3 & 4 |
| Tychowski, Christopher Roman | 79-5 | Parts 3 & 4 |
| Wright, William Anthony | 78-345 | Parts 1,2,3,4 |
| Young, Robert Charles | 78-644 | Parts 3 & 4 |
| Zwickl, Keith Duane | 79-34 | Parts 3 & 4 |

ELECTRICAL ENGINEERING

| | | |
|--------------------------|--------|---------------|
| Barrett, Brian Bernard | 79-53 | Parts 3 & 4 |
| Bloomfield, A. Kent | 78-664 | Parts 1,2,3,4 |
| Brown, Maurice Churchill | 78-625 | Parts 1,2,3,4 |
| Daemmer, Johnathan Eric | 78-719 | Parts 3 & 4 |
| DeCorse, Charles F. | 78-537 | Parts 3 & 4 |
| Moreaux, Francis J. | 78-442 | Parts 1,2,3,4 |
| Pearson, Jaryl Michael | 78-724 | Parts 3 & 4 |
| Plumb, David Carlton | 78-667 | Parts 3 & 4 |
| Sharp, Thomas Allen | 78-696 | Parts 3 & 4 |
| Voss, George W. | 79-27 | Parts 3 & 4 |

MECHANICAL ENGINEERING

| | | |
|----------------------------|--------|---------------|
| Basu, Amiya | 78-717 | Parts 3 & 4 |
| Behee, Ronald Dennis | 79-55 | Parts 1,2,3,4 |
| Furry, James Leroy | 79-24 | Parts 3 & 4 |
| Geller, Jack M. | 78-626 | Parts 3 & 4 |
| Humphrey, David Michael | 78-721 | Parts 3 & 4 |
| Hunsaker, Jan L. | 78-722 | Parts 3 & 4 |
| Kulkarni, Yashavant Vishnu | 78-666 | Parts 3 & 4 |
| Lusby, Ralph William, Jr. | 79-54 | Parts 3 & 4 |
| Mann, David Archie | 79-28 | Parts 3 & 4 |
| Mattison, Jeffrey R. | 78-607 | Parts 3 & 4 |
| Peterson, Mark Jon | 78-628 | Parts 3 & 4 |
| Ringger, Hans R. | 79-26 | Parts 3 & 4 |
| Simko, William Michael | 78-726 | Parts 3 & 4 |
| Stuart, Curtiss Nolan | 78-351 | Parts 3 & 4 |
| Vroom, David Henry | 78-670 | Parts 1,2,3,4 |

STRUCTURAL ENGINEERING

| | | |
|----------------------|--------|-------------|
| Lewis, James Walter | 78-692 | Parts 5 & 6 |
| Paffendorf, James A. | 78-662 | Parts 5 & 6 |
| Whalin, Clarence H. | 79-9 | Parts 5 & 6 |
| Whitmer, Arthur H. | 79-74 | Parts 5 & 6 |

GEOLOGICAL ENGINEERING

| | | |
|--------------------|--------|-------------|
| Visca, Paul Joseph | 78-693 | Parts 3 & 4 |
|--------------------|--------|-------------|

continued...

LAND SURVEYING

| | | |
|-------------------------|--------|---------------|
| Burer, Alfred Earl | 78-716 | Parts 1,2,3,4 |
| Isaacson, Kenneth King | 78-642 | Parts 1,2,3,4 |
| Knight, Jerrold E. | 79-22 | Parts 1,2,3,4 |
| Pashen, Peter John | 79-36 | Parts 3 & 4 |
| Sullivan, Michael Keith | 79-63 | Parts 1,2,3,4 |
| Wisner, Norman Walter | 78-715 | Parts 1,2,3,4 |

3. The following applicants appeared before the Committee, and it was determined that their applications should be denied for lack of experience of a character satisfactory to the Board under ARS32-122.A with the refunds as shown:

| | | |
|--------------------------------|----------------------------|---------|
| Branham, Phillip Edmond | 78-624 Electrical Engineer | \$10.00 |
| Yankovich, Catherine Francisca | 78-589, Geologist | \$10.00 |

4. The following applicants have completed all requirements for registration as Engineers-in-Training and are recommended to the Board for registration:

| | | | |
|--------------------------|--------|------------------------|--------|
| Alexander, Douglas E. | 78-77 | Orlowski, John Michael | 78-18 |
| Allison, Craig | 77-43 | Owen, Thomas Charles | 78-60 |
| Anastopoulos, Perry | 78-7 | Rauscher, John Alfred | 78-86 |
| Clester, Donald Michael | 78-41 | Sherman, Charles E. | 78-256 |
| Daniels, Brian L. | 78-43 | Smith, Stephen Hall | 78-13 |
| Gonzales, Steven Charles | 78-49 | Sutton, Thomas W., Jr. | 78-123 |
| Isaacson, Kenneth K. | 76-17 | Tom, Jeffrey J. | 78-28 |
| Lowry, William Edward | 78-122 | | |

5. LACANDOLA, RUBEN Y. 78-439, Civil Engineer
LACANDOLA, RUBEN Y. 78-440, Land Surveyor

Based upon new documentation received, the Committee recommends that the Board reconsider its previous action (see Board Minute Pages 4113 & 4114) and that the Board now grant registration to Mr. Lacandola based upon previous registration in the Philippines by written examination.

6. BOREN, ERVIN LESTER 76-291, Highway Engineer

The Committee, upon review of the examination scores, recommends denial of reconsideration of the examination grades for Parts 3 & 4 of the November 1978 Highway Engineering Examination. The Committee recommends that Mr. Boren be allowed to review the subject exams in the presence of the Executive Director in the office of the Board.

7. HIGHWAY ENGINEERING BRANCH

The Committee recommends that a Rule change be considered to eliminate the branch of Highway Engineer. The NCEE exams for Civil Engineers contain a selection of highway and traffic problems sufficient to accommodate the highway specialty. No local exams would be required after this change. Dr. Jimenez has discussed the matter with the Department of Transportation; they see no real need to continue the Highway Engineering branch.

continued...

8. GEOLOGY EXAMINATIONS

The Committee met with representatives of the professional geology community on February 15, 1979. Based upon previous letters from this group and the subject meeting, the Committee recommends that the Board accept the offer by the geologists (as represented by the Association of Professional Geological Scientists) to (1) provide the Board with current information on registration practices for geologists in other states, and (2) assist the Board in the preparation of a variety of suitable examination questions for use in the professional examination (Parts 3 & 4).

9. REGISTRATION OF HYDROLOGISTS

Hydrologists currently register in Arizona as geologists or civil engineers. The Arizona Section, American Water Resources Association, is proposing that a separate registration for hydrologists be considered. The Committee recommends that the Association be advised that (1) a branch of hydrological engineering would not be considered by the Board under Rule R4-30-01 E., since it is not a major branch of engineering included in the college curricula approved by the Board, and (2) a category of registration known as Hydrologist would have to be established by the legislature through a revision of the Technical Registration Act, based upon testimony of need developed by the community of hydrologists and the general public.

10. COMMITTEE POLICIES

In order to have full Board support and to assure consistency among the full membership of the Committee, the following policies are hereby formalized and recommended for the guidance of the Engineering Evaluation Committee:

A. Waiver of Examination, Parts 1 and 2

- (1) Waive Parts 1 and 2 if applicant has an engineering (geology) degree and has more than twenty years of satisfactory experience in the category in which registration is desired. / to the Board *
- (2) Don't waiver for non-graduates, regardless of experience.
- (3) Don't waiver because of advanced degrees.

B. Evaluation of education and experience when in different branches.

- (1) Applicant whose educational program is in a branch area different from his work experience (and his registration application branch) will receive reduced credit for his education time.
- (2) Evaluation of education credit to be allowed in these instances will be made by the Committee upon full review of the applicant's file.

11. NCEE and WESZONE CONVENTIONS

The Committee recommends that the Board approve the expenditure of out-of-state travel funds to send two delegates as indicated to the following meetings of the NATIONAL COUNCIL OF ENGINEERING EXAMINERS:

Western Zone, Santa Fe, New Mexico
May 6-8, 1979

Rod J. Gomez
Charles E. O'Bannon

* Added by Board action.
See Minute Page 4149, Item 10

continued...

NCEE Annual Meeting, Norfolk, Virginia
August 5-8, 1979

Rudolph A. Jimenez
Earle M. Cassidy or
John B. Trimble

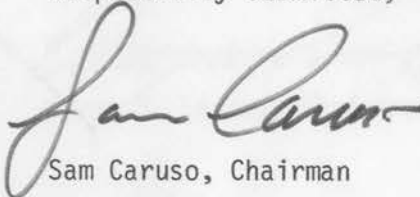
12. COMPLAINTS

Technical Registration Board vs. Renner & Staton After reviewing the correspondence in this file, the Committee believes the corrective actions taken by the parties involved will comply with the requirements of the Technical Registration Act and recommends that no further action be taken by the Board and that all parties in this matter be so notified.

Technical Registration Board vs. Golder Associates, Inc. After reviewing the correspondence in this file, the Committee believes the corrective actions taken by the parties involved will comply with the requirements of the Technical Registration Act and recommends that no further action be taken by the Board and that all parties in this matter be so notified.

French vs. Havill and French vs. Mathein After reviewing the complaints and affidavits filed by Mr. French and the responses filed by Messrs. Havill and Mathein, the Committee recommends that the Board dismiss the complaints for lack of evidence of misconduct on the part of Havill or Mathein. It is believed that the allegations made involve such contractual items as fees for services and ownership of engineering drawings, all of which should be settled by mutual agreement between the parties involved. Notification of the Board's action to all concerned is also recommended.

Respectfully submitted,


Sam Caruso, Chairman

February 21, 1979

TO: State Board of Technical Registration
FROM: Landscape Architectural Evaluation Committee
SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met February 16, 1979 in Phoenix, Arizona with the following members present:

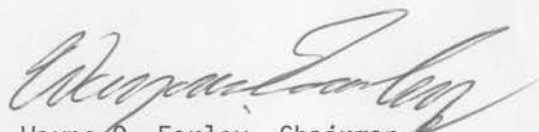
Wayne O. Earley
Rod J. Gomez
John B. Trimble

The Committee reviewed the following applicant in a personal audience interview and found that additional evidence of his proficiency is needed (ARS32-123.b); therefore, the Committee recommends to the Board that he be held for the written examinations in June 1979 as indicated:

Rohr, Alfred F. 78-683 Exams A-D

The Committee recommends to the Board that the recommendation above be accepted and implemented.

Respectfully submitted,


Wayne O. Earley, Chairman

DENIALS

It was moved by Mr. Goodwin and seconded by Dr. Jimenez that the following applicants be denied with neither prejudice nor refund at their own request: Motion passed.

| | | |
|---------------------|--------|----------------|
| Lamb, Charles Edwin | 78-578 | Architect |
| Lynn, Michael John | 78-412 | Architect |
| Jehn, Joseph A. | 78-595 | Civil Engineer |

It was moved by Dr. Jimenez and seconded by Mr. Goodwin that the following applicants be denied for lack of experience of a character satisfactory to the Board under A.R.S. 32-122.A, with a refund as shown. Motion carried.

| | | | |
|-------------------------|--------|---------------------|---------|
| Branham, Phillip Edmond | 78-624 | Electrical Engineer | \$10.00 |
| Kilbane, Terry Lee | 78-651 | Architect | \$10.00 |
| Yankovich, Catherine F. | 78-589 | Geologist | \$10.00 |

It was moved by Mr. Goodwin and seconded by Mr. Trimble that the following applicants be denied for failure to complete the requirements of the Board within a reasonable length of time. Motion carried.

| | | |
|--------------------|--------|-----------|
| Rashkin, Samuel D. | 78-510 | Architect |
| Mochon, Clinton | 77-633 | Architect |

CIVIL ENGINEERS

| | |
|-----------------------------|-------|
| Amos, Samuel | 12294 |
| Barnes, Robert Allan | 12295 |
| Boswell, Robert Paul | 12296 |
| Cooper, Michael Alan | 12297 |
| Davis, John Kenneth, Jr. | 12298 |
| Deady, David Howard | 12299 |
| Edwards, Larry Neil | 12300 |
| Frost, Julian William | 12301 |
| Gary, John Raymond | 12302 |
| Gibson, Thomas Allen Junior | 12303 |
| Hendrix, Richard James, Jr. | 12304 |
| Holmes, William Henry | 12305 |

| | |
|---------------------|-------|
| Johnson, Robert Lee | 12306 |
| Kennedy, John E. | 12307 |
| Miller, John W. | 12308 |
| Moore, Robert Paul | 12309 |
| Nelson, Robert Lee | 12310 |

It was moved by Mr. Trimble and seconded by Mr. Goodwin that the following applicants for professional registration, having completed the personal audience and all other requirements of this Board, be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

| | |
|------------------------------|-------|
| Adams, Harold Lynn | 12220 |
| Baxter, Dale Wilcox | 12221 |
| Bolles, Peter Piper | 12222 |
| Crabb, James David | 12223 |
| Curtis, John F., Jr. | 12224 |
| DeLaMare, Winter L. | 12225 |
| Dvorak, Robert W. | 12226 |
| Frew, Stephen Richard | 12227 |
| Geddes, Donald Cutler | 12228 |
| Graves, Jack, Jr. | 12229 |
| Heidebrecht, Kenneth Dean | 12230 |
| Jennings, Richard Wayne | 12231 |
| Kossak, Drzysztof J. | 12232 |
| Mayeaux, Paul Elliott | 12233 |
| McGarrity, Jack Johnston | 12234 |
| Nelson, Richard Dubois, Jr. | 12235 |
| Russell, George W. | 12236 |
| Sanchez, Gilbert Arnold | 12237 |
| Schmidt, Richard Karl | 12238 |
| Sharp, Richard Giles | 12239 |
| Smith, Joseph Earl, III | 12240 |
| Stanionas, Joseph Paul | 12241 |
| Stauffer, Randolph Jay | 12242 |
| Taliaferro, Francis Tournier | 12243 |
| Tylka, Stephen J. | 12244 |
| Woodruff, Eugene J. | 12245 |

CIVIL ENGINEERING

| | |
|------------------------------|-------|
| Asaud, Samuel | 12246 |
| Bergman, Robert Allen | 12247 |
| Bossert, Ralph Orland | 12248 |
| Creager, Michael Alex | 12249 |
| Duren, Fred Kenneth, Jr. | 12250 |
| Evans, David Roland | 12251 |
| Faulkner, Larry Reid | 12252 |
| Flint, Julian Winston | 12253 |
| Gery, John Raymond | 12254 |
| Gookin, Thomas Allen Jaudon | 12255 |
| Hanford, Richard Warren, Jr. | 12256 |
| Hermann, William Anthony | 12257 |

CIVIL ENGINEERING (Continued)

| | |
|----------------------------|-------|
| Harvey, David Bennett | 12258 |
| Hirniak, Bohdan Paul | 12259 |
| Huff, Clark Kern | 12260 |
| Lacandola, Ruben Y | 12261 |
| Leslie, Phylip John | 12262 |
| Little, Douglas Ray | 12263 |
| Lynch, John B. | 12264 |
| Marvin, William Lawrence | 12265 |
| McCabe, Edward M. | 12266 |
| McNutt, James Edward | 12267 |
| Mickelson, Robert Paul | 12268 |
| Miller, William Ernest | 12269 |
| Nall, Kenneth L. | 12270 |
| Nicol, Joseph Christian | 12271 |
| Novak, Robert L. | 12272 |
| Paffendorf, James A. | 12273 |
| Parrott, Robert C. | 12274 |
| Payne, William Edward, Jr. | 12275 |
| Reyes, Jaime | 12276 |
| Rugaard, Lawrence C. | 12277 |
| Russell, George W. | 12278 |
| Sain, Charles Haskell | 12279 |
| Scianni, Richard Allen | 12280 |
| Sever, Bert William | 12281 |
| Shervington, Roger Alan | 12282 |
| Smith, Joseph Earl III | 12283 |
| Stovall, Jack Lee | 12284 |
| Vasatka, Richard James | 12285 |
| Wengenroth, Reece H. | 12286 |
| Whitmer, Arthur H. | 12287 |
| Zimmerman, Robert Maurice | 12288 |
| Kolker, Robert Jack | 12309 |

ELECTRICAL ENGINEERING

| | |
|----------------------------|-------|
| Dull, Charles Bernerd, Jr. | 12289 |
| Fanning, Thorley L. | 12290 |
| Fitzgerald, Edwin Michael | 12291 |
| Foote, Paul R. | 12292 |
| Hsu, James Chi | 12293 |
| Hwang, Kai-Shiu Kell | 12294 |
| Lemmon, George Newton | 12295 |
| Lundquist, Thomas George | 12296 |
| Lutsch, Gene Charles | 12297 |
| Radnoti, Thomas O. | 12298 |
| Steiner, Sheldon Miles | 12299 |
| Theodore, George James | 12300 |
| Zeiger, Ronald Dean | 12301 |

MECHANICAL ENGINEERING

| | |
|------------------------|-------|
| Comstock, Ralph James | 12302 |
| Faber, Kaare Olav | 12303 |
| Jackola, Thor A. | 12304 |
| Menendez, Carlos Ramon | 12305 |
| Mora, Raymond Frank | 12306 |
| Tang, William | 12307 |

STRUCTURAL ENGINEERING

| | |
|-------------------------|-------|
| Hammond, Thomas Elliott | 12308 |
| Lindskog, Edward | 12310 |
| Nour, Ramez William | 12311 |
| Vasatka, Richard James | 12312 |

GEOLOGY

| | |
|--------------------------|-------|
| Duren, Fred Kenneth, Jr. | 12313 |
|--------------------------|-------|

LAND SURVEYING

| | |
|------------------------|-------|
| Bossert, Ralph Orland | 12314 |
| Dalrymple, Hugh Andrew | 12315 |
| Elam, Lynn Ray | 12316 |
| Fish, Robert James | 12317 |
| Kleinke, Frank Elliott | 12318 |
| Lacandola, Ruben Y. | 12319 |
| Leslie, Phylip John | 12320 |
| Taft, Howard William | 12321 |
| Vincent, Lawrence | 12322 |
| Wilburn, Harold Allen | 12323 |

It was moved by Dr. Jimenez and seconded by Mr. Trimble that the following applicants for in-training registration, having satisfactorily completed the written examination, be granted in-training registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

| | |
|--------------------------|------|
| Alexander, Douglas E. | 2048 |
| Allison, Craig | 2049 |
| Anastopoulos, Perry | 2050 |
| Clester, Donald Michael | 2051 |
| Daniels, Brian L. | 2052 |
| Gonzales, Steven Charles | 2053 |
| Huber, Ronald D. | 2054 |
| Isaacson, Kenneth K. | 2055 |
| Lowry, William Edward | 2056 |
| Orlowski, John Michael | 2057 |
| Owen, Thomas Charles | 2058 |
| Rauscher, John Alfred | 2059 |
| Sherman, Charles E. | 2060 |
| Smith, Stephen Hall | 2061 |
| Sutton, Thomas W., Jr. | 2062 |
| Tom, Jeffrey J. | 2063 |

REPORT OF THE EXECUTIVE DIRECTOR

Substantial changes to the Technical Registration Act are proposed in H.B. 2364 (copies were sent to all members of the Board on February 9, 1979). With the Sunset Review now in process a consensus opinion is that the provisions of H.B. 2364 should be considered along with all the other facts and testimony now being gathered for submittal to legislative hearings in September 1979.

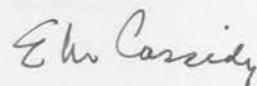
A review of the Technical Registration Act by the Legislative Committee in preparation for these September 1979 hearings might be timely and worthwhile during the coming months.

Members of the Auditor General's staff continue to meet with the Board and the staff and to examine the office records in detail as they prepare their performance audit report as required by the Sunset Review process.

The NCEE Professionalism and Ethics Committee held a meeting in Scottsdale, February 17-18, 1979. The Director attended a portion of the sessions and welcomed the Committee to Arizona on behalf of the Board.

The June exams to be given by Arizona for Architects and Landscape Architects are scheduled for two days (the same as 1978). NCARB and CLARB recommend three days, the same as they recommended last year.

Respectfully submitted,



Earle M. Cassidy,
Executive Director

February 22, 1979

CASH FLOW REPORT
 TECHNICAL REGISTRATION FUND
 JANUARY 31, 1979

| | |
|-------------------------------------|---------------------|
| Fund Balance as of July 1, 1978 | \$ 94,747.68 |
| Total Receipts, Year-to-Date | 97,480.36 |
| Total Expenditures, Year-to-Date | (62,942.04) |
| Outstanding Encumbrances | (8,232.93) |
| Fund Balance as of January 31, 1979 | <u>\$121,053.07</u> |

| EXPENDITURES: | <u>JANUARY</u> | <u>YEAR-TO-DATE</u> |
|---------------------------|-------------------|---------------------|
| Personal Services | \$ 4,365.22 | \$ 32,274.60 |
| Employer Related | 1,242.26 | 6,027.85 |
| Professional Services | 210.00 | 2,465.94 |
| Travel - In-State | 97.90 | 1,328.60 |
| Travel - Out-of-State | -0- | 1,387.04 |
| Other Operating Expenses: | | |
| Data Processing | 359.13 | 858.17 |
| Maint. & Repairs | -0- | 71.50 |
| Refunds | -0- | 81.00 |
| Revolving Fund | -0- | 1,000.00 |
| Rent & Space | -0- | 4,611.50 |
| Office Supplies | 99.35 | 3,229.40 |
| Telephone | -0- | 858.01 |
| Copier Rental | -0- | 368.64 |
| Gen.Comp. Insurance | -0- | 335.00 |
| Postage | 1,037.01 | 4,175.38 |
| Printing | -0- | 804.24 |
| Subscriptions | -0- | 94.20 |
| Advertising | -0- | 5.25 |
| Freight | -0- | 69.52 |
| Equipment | -0- | 742.70 |
| Organizational Dues | 1,735.00 | 2,035.00 |
| | <u>\$9,145.87</u> | <u>\$62,942.04</u> |

STATE OF ARIZONA

State Board of Technical Registration

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS
1645 W. JEFFERSON, ROOM 315

PHOENIX, ARIZONA 85007

(602) 255-4053

1979

SCHEDULE OF EXAMINATIONS

FOR

ARCHITECTS AND ARCHITECTS-IN-TRAINING

TWO LOCATIONS:1. Tempe, ArizonaCollege of Architecture Building, South of University Drive on
Forest Avenue, Arizona State University.2. Tucson, ArizonaCollege of Architecture Building, Speedway and Olive Streets,
The University of Arizona.Tuesday, June 12, 1979QUALIFYING TEST

7:30 AM to 9:30 AM

Section A: Architectural History

9:30 AM to 12:30 PM

Section B: Structural Technology
(Reference material is permitted)

1:00 PM to 3:00 PM

Section C: Materials & Methods of Construction

3:00 PM to 5:00 PM

Section D: Environmental Control Systems

Wednesday, June 13, 1979PROFESSIONAL EXAMINATION

7:30 AM to 7:30 PM

Section A: Design

STATE OF ARIZONA

State Board of Technical Registration

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS
1645 W. JEFFERSON, ROOM 315

PHOENIX, ARIZONA 85007
(602) 255-4053

1979

SCHEDULE OF EXAMINATIONS

FOR

LANDSCAPE ARCHITECTS AND LANDSCAPE ARCHITECTS-IN-TRAINING

LOCATION:

Tempe, Arizona - College of Architecture Building, South of University Drive on Forest Avenue, Arizona State University

Tuesday, June 12, 1979

- 7:30 AM - 8:30 AM Subject A - History
- 8:30 AM - 9:30 AM Subject C, Part I, Design Theory
- 9:30 AM - 11:30 AM Subject C, Part II, Performance One
- 12:00 PM - 2:00 PM Subject C, Part II, Performance Two
- 2:00 PM - 6:00 PM Subject C, Part II, Performance Three

Wednesday, June 13, 1979

- 7:30 AM - 8:30 AM Subject B - Professional Practice
- 8:30 AM - 11:30 AM Subject D, Part I, Design Implementation (General)
- 12:00 PM - 1:30 PM Subject D, Part II, Design Implementation Performance One
- 1:30 PM - 4:30 PM Subject D, Part II, Design Implementation Performance Two
- 4:00 PM - 5:00 PM Subject D, Part II, Design Implementation Performance Three

1979 SCHEDULE OF MEETINGS
of the
Board and Its Committees

| <u>LOCATION</u> | Unless otherwise indicated, all meetings will be held at the office of the Board, 1645 W. Jefferson, Suite 315, Phoenix. |
|-----------------|---|
| March 15-17 | WCARB Conference, Salt Lake City, UT |
| March 20 | Engineering Examination Committee (preview April exams) |
| April 11-12 | Engineering Evaluations Landscape Architectural Evaluations |
| April 20 | Architectural Evaluations |
| May 6-8 | WESZONE, NCEE Meeting, Santa Fe, NM |
| May 11 | Architectural Evaluations Landscape Architectural Evaluations |
| May 16-17 | Engineering Evaluations |
| June 1 | Regular Board Meeting |
| June 20-23 | NCARB Annual Conference, Cambridge, MA |
| July 6 | Architectural Evaluations |
| July 12-13 | Landscape Architectural Evaluations Engineering Evaluations Engineering Exam Committee (certify April exam results) |
| July 20 | Special Board Meeting (certify April exam results) Budget Committee (approve 1980-81 budget) |
| August 5-7 | NCEE Annual Meeting, Norfolk, VA |
| August 16-17 | Engineering Evaluations |
| August 24 | Architectural Evaluations Landscape Architectural Evaluations Architectural Exam Committee (certify June exam results) Landsc.Architectural Exam Committee (certify June exam results) |
| September 6 | Regular Board Meeting |
| September 7-8 | CLARB Annual Meeting |
| October 11-12 | Engineering Evaluations Engineering Exam Committee (preview November exams) |
| October 19 | Architectural Evaluations Landscape Architectural Evaluations |
| November 9 | Architectural Evaluations |
| November 15-16 | Engineering Evaluations Landscape Architectural Evaluations |
| December 6 | Regular Board Meeting |