



SEAU NEWS

The Newsletter of the Structural Engineers Association of Utah

Volume VII- Issue III November 2002

This newsletter is a monthly publication of the Structural Engineers Association of Utah.

Articles or advertisements appearing herein may be submitted by anyone interested in expressing a viewpoint on structural engineering.

Articles for publication may be submitted to:

Mike Buehner, Editor

(801) 486-3883

mbuehner@reaveley.com

Advertisements for publication may be submitted to:

Jerod Johnson, Advertising

(801) 486-3883

jjohnson@reaveley.com



Adams Avenue Parkway Toll Booth Canopy, Washington Terrace, Utah, by Love Engineering, Inc.

IN THIS ISSUE

- Message From The Board p 1
- Member Forum..... p 2
- SEAU Bylaws p 4
- Bulletin Board p 8

OCTOBER EVENT

General Membership Meeting:

New Snow Load Proposal & Professional Ethics

Presented by:

Russell Merrill &

J.R. Richards

Program Date:

Thursday, November 21, 2002

5:30 p.m. Social Hour

6:00 p.m. Program

Location:

University of Utah
EMCB Room 1003

MESSAGE FROM THE BOARD

ACHIEVING OUR GOALS



By Ron Dunn,
SEAU Vice President

Recently I attended the Annual Conference of the National Council of Structural Engineers Association, (NCSEA) held in Chicago. It has been decided by (SEAU) that NCSEA is to be our umbrella organization. This organization has representatives and delegates from almost every State, and is

actively engaged in representing and furthering the very professional ideals that we endorse. This largely volunteer organization has at its core those "day to day engineers" which have the real issues. It has not become a "social club" at which the same people always attend. Each delegate is personally interested in the betterment of our profession. As our Utah delegate, Craig Cartwright has/does spend a significant amount of time in our behalf. My assignment will permit me to attend this conference for two years, and as such I have become involved on the Certification Committee. It is this committee that I wish to discuss briefly.

There is a general consensus among structural engineers, and others, that the practice of Structural Engineering (SE) is a "specialty." Some states have acknowledged this fact by adopting Structural Engineering licensing acts; some are Title CONTINUED ON PAGE 3

MEMBER FORUM

FOCUS

Utah Structural Engineers provide a significant contribution to a wide variety of projects for commercial, government, industrial, and residential clients. Each month, SEAU would like to focus attention on the accomplishments, successes, and hard work of our Utah Structural Engineering firms. This month the focus is on:

Mangum Engineering Consultants

Mangum Engineering Consultants (M.E.C.) was founded in 1988 by Kimly C. Mangum, P.E., AIA. Kim has maintained his membership in SEAU since that time. He has also served as a member of the Snow Load Committee. In 1994 the company was expanded to include architectural services and the business incorporated as Kimly C. Mangum, P.C. architecture/engineering group. Although M.E.C. has just one architect/professional engineer, we have 6 additional talented technical/design staff members.

M.E.C. has been involved in a wide variety of structural projects from mining, commercial, religious, and residential structures. We do projects such as tenant finishes that are almost all architectural and projects for other designers that are completely structural. Having both architectural and structural design in the same office has provided for a level of project coordination that is difficult to duplicate. It has also limited our larger projects to those initiated by our internal architectural business.

The following projects are representative of the design work M.E.C. has recently been involved with:



Barber Brothers Ford, Morgan, Utah

Barber Brothers Ford, Morgan, Utah opened in the spring of 2002. The single story building,

with parts mezzanine, has over 13,000 square feet. It consists of a prefabricated metal building for the service area and a masonry with wood truss showroom.



Khadeeja Islamic Center, West Valley City

Khadeeja Islamic Center, West Valley City is a 14,000 square foot two-story masonry structure with steel roof and floor joists. The building was constructed in two phases with the original phase designed to support a possible second level, which was required after the Islamic Community's population grew more rapid than they had ever anticipated. Phase one had 3,930 square feet and the addition brought the total to almost 14,000 square feet. Socially, this project has been the most interesting of any project so far, especially during the political climate of the past year.



Residence, Draper Heights, Draper Utah

Residence, Draper Heights, Draper Utah. The owner/builder has been working on this very unique project for a few years. The Architect, a Russian emigrant, Valery Antonov designed a very elegant custom home that the owner/builder has modified at every step, at the dismay of the City Building Department. We have had numerous opportunities to redesign the structure to meet the metamorphic modifications as they occur.

MESSAGE FROM THE BOARD (continued from page 1)

Acts while others are Practice Acts. We are all proud of our PE designation, however we must realize that it is possible to pass this exam with the training received only in school. First I applaud the education that some of our engineers are getting in our local schools; nevertheless, most of our challenging training comes after we get on the job. Each office is limited by the experience which is found in that office. Unfortunately, in some cases this experience is not enough. The question becomes; should our professional capacities be determined by a political body, or a body that is self regulated. Licensing and registration laws are unique to each state and are the domain of the state legislatures.

Most states are in favor of separate licensure such as the designation of Structural Engineer (SE). These same states are concerned that the political process is overwhelming and proving to be unpractical. Of the 55 independent jurisdictions represented by NCSEA only 18% have a SE License. This leaves 82% who do not, and struggle. Utah has a Title Act of SE, but not a Practice Act, and therefore means very little. Our Utah designation of SE is only valid in Utah. Certification is not intended, nor can it legally be, an alternate to (separate) structural licensing, but rather it may be viewed as a stepping stone towards a uniform SE licensing (or registration as applicable) process encompassing the

different jurisdictions within the United States.

The SE professional practice has been growing more complex and demanding. Structural Engineers have increased liability without the commensurate recognition and financial rewards. Codes have been increasing in complexity to reflect advancement in the understanding of nature and materials, as reflected through the findings of research programs and the practitioner's own experience database. Computer technology has allowed engineers to drastically reduce "number crunching" requirements for performing sophisticated analyses to mere minutes instead of weeks. One would think that with such advances, the SE profession would be at the top of its game. Unfortunately this is not the case. Multiple building codes only add to the confusion of this already fractious process.

Certification is intended to "Establish and Control the Standards of Practice of Structural Engineering by the Profession." Because the licensing process is generally non-uniform, the level of recognition of an individual's qualifications is also non-uniform at best. There is no national standard to measure the qualifications of structural engineers, and simply being licensed in a jurisdiction is not sufficient in and of itself.

It is difficult, if not impossible to state unilaterally that structural engineers deemed qualified to practice in different

jurisdictions would all possess the same basic knowledge and understanding of structural systems. Certification, as a voluntary self-regulation process, allows the SE profession to improve and establish a nationally accepted uniform standard that might be a transition towards uniform licensure.

Personally, there are many positive aspects of this effort in which I agree, and I believe that these sentiments are shared by our majority. I also believe that our input is critical and as such I have positioned myself such that your ideas and suggestions can be heard. There is a Consensus Model that has been prepared by the Certification Committee which is a result of several years work. It is our intent to post this document on our web site in the near future, however in the interim period I will be happy to share this information with you.

The medical and legal professions are largely self-regulated and thus have been able to control the standard of practice of their respective professions. Engineers have little or no control over the standard of practice of the profession and as a group appear reluctant to take it on. I find it interesting how we deal with risk each and every day, and yet shy away from the risk in elevating our profession and our obligation to the public at large.

How does this effect our professional ethics? You must come to our November Meeting to hear the "Rest of the Story."

SEAU BYLAWS WITH PROPOSED CHANGES

By: Julie Ott, By-Laws Committee Board Representative
and
Brent Maxfield, By-Laws Committee Chairman

The Board of Directors has asked the By-Laws Committee to propose a by-laws change. The essence of the changes is to reorganize the Secretary/Treasurer and Historian positions to be a Treasurer and Secretary/Historian positions.

Currently two Directors are elected annually for two year terms. One of the Directors is elected as the Historian for the first year, and the second year is in the officer position of Secretary/Treasurer. The task of being the SEAU Secretary/Treasurer is one of the more time consuming jobs of the SEAU board. The Historian has somewhat minor duties in comparison. In addition, the Historian obtains a majority of his/her information from the Secretary.

It is the Board's desire to redistribute the workload more uniformly between the two Board positions. In the first year of the Directors term he/she would serve as the Secretary/Historian, and the second year serve as the SEAU Officer position of Treasurer.

The following excerpts from the By-Laws, address the modifications to the By-Laws required to execute this change. Please review the proposed change carefully. If you have suggestions to make it better, please let us know. If you do not like the changes, also let us know. SEAU will have an open discussion of this change in the November meeting and publish comments in the December Newsletter.

The schedule for this change is as follows:

- November 2002: Publish proposed changes in the SEAU News, and receive comments from membership.
- December 2002: Publish comments and revised proposal based on comments received in November. Board of Directors will approve final proposal.
- January 2003: Send out final ballots to voting grade members.

Please e-mail comment to either:
jott@absconsulting.com or
maxfieldba@ldschurch.org

Printed below are the full By-Laws with proposed changes.

**BY-LAWS
of the
STRUCTURAL ENGINEERS ASSOCIATION OF UTAH**

**ARTICLE I
MEMBERSHIP**

Members in the Structural Engineers Association of Utah (The Association) shall consist of the following grades: PROFESSIONAL, ASSOCIATE, AFFILIATE, STUDENT, LIFE PROFESSIONAL, LIFE AFFILIATE, FELLOW, AND HONORARY.

Section 1. PROFESSIONAL GRADE. A PROFESSIONAL grade member in the Association shall be a Professional

Engineer registered in the State of Utah, and regularly engaged in the practice of structural or related engineering.

A PROFESSIONAL may hold office and have one vote.

Section 2. ASSOCIATE GRADE. An ASSOCIATE grade member shall be an individual who at the time of acceptance of their application to the Association shall have been regularly engaged for at least four (4) years in structural or related engineering. Graduation in engineering from an accredited college or university with a degree in civil, structural, or related engineering may be considered by the Board of Directors as the equivalent of the four (4) years experience described in this section. An ASSOCIATE grade member may be an individual who is a Professional Engineer, but not registered in Utah.

An ASSOCIATE may hold no office and shall have no vote.

Section 3. AFFILIATE GRADE. An AFFILIATE grade member shall, in the opinion of the Board of Directors, be qualified for membership by reason of position, to cooperate with the Association in the advancement of the professional knowledge, practice, and welfare. An AFFILIATES' connection with the Association shall cease when the individual no longer holds a position qualifying for membership. The number of AFFILIATES shall be limited to not more than 25% of the total membership, excluding STUDENTS.

An AFFILIATE may hold no office and shall have no vote.

Section 4. STUDENT GRADE. A STUDENT grade member shall be an individual who at the time of acceptance of their application to the Association is a full-time or part-time undergraduate or full-time graduate student enrolled in an accredited civil, structural or related engineering program at a college or university.

A STUDENT may hold no office and shall have no vote.

Section 5. LIFE PROFESSIONAL GRADE and LIFE AFFILIATE GRADE. A LIFE grade membership may be awarded, at the discretion of the Board of Directors, to any PROFESSIONAL OR AFFILIATE grade member who meets all the qualifications of one of the categories given below:

1. a. Shall have been a member in good standing of the Association for a minimum of 20 years, and,
 - b. Shall, in the opinion of the Board, be retired from actively practicing engineering;
2. a. Shall have been a member in good standing of the Association for a minimum of 25 years, and,
 - b. Shall be at least 65 years of age;
3. A member who in the opinion of the Board is entitled to LIFE membership because of special circumstances.

A PROFESSIONAL or AFFILIATE grade member who qualifies for LIFE grade membership shall have the term "LIFE" prefixed to the grade held at the time of acceptance for LIFE membership.

A LIFE member shall have the same privileges associated with the grade held at the time of becoming a LIFE member.

Section 6. FELLOW GRADE: A FELLOW grade member shall have been a PROFESSIONAL grade member in good standing in the Association for five (5) years, shall be 55 years of age, and shall be retired or semi-retired from active practice of structural or related engineering. The five (5) year membership requirement may be waived by unanimous vote of the Board of Directors.

A FELLOW may hold office and have one vote.

Section 7. HONORARY GRADE. An HONORARY membership may be awarded by the Board of Directors to any person who has achieved eminence in some branch of engineering, or the science related thereto.

An HONORARY grade member may hold no office and shall have no vote.

Section 8. Voting grade members shall consist of the following grades: PROFESSIONAL, LIFE PROFESSIONAL, and FELLOW.

ARTICLE II

ADMISSIONS, LEAVES OF ABSENCE, RESIGNATIONS, EXPULSIONS AND CHANGES IN GRADE:

Section 1. Admission to or change in grade within the Association shall be in accordance with the following procedure:

- a. An application shall be submitted to the Board of Directors with the endorsement of at least one (1) PROFESSIONAL grade member. Endorsements shall not be required for transfer from one grade to another grade.
- b. Notice of the application shall be sent to the membership. Any member shall have 30 days from the date of mailing of the notice, in which to file a written objection to the acceptance of the applicant.
- c. The Board of Directors shall vote upon the application giving due consideration to any objections that might be received. The applicant shall be duly accepted as a member upon receiving a majority vote of the full Board of Directors membership.

Section 2. A STUDENT's connection with the Association shall cease at the end of the fiscal year in which the STUDENT no longer meets the criteria of a STUDENT grade, unless there is a transfer to another grade of membership.

Application for change in grade shall be made when an ASSOCIATE is eligible to become a PROFESSIONAL grade.

A member who is eligible for change in grade, but does not make application within the fiscal year they become eligible, will be considered "not in good standing" with the Association.

Section 3. Upon written request by a member in good standing, the Board of Directors may grant that member a leave of absence for the forthcoming fiscal year. Leaves of absence will be requested and granted in full fiscal year increments only. Written request must be received by the Board of Directors prior to May 31st of the fiscal year prior to the fiscal year the leave of absence

is being requested for. During the leave of absence, the individual would not be required to pay dues and would have no privileges, duties, and benefits associated with membership in the Association. The individual would automatically be reinstated as a member in good standing at their most recently held grade at the beginning of the following fiscal year, unless a written request by the individual to extend the leave of absence through the next fiscal year is received by May 31st of the current fiscal year. Leaves of absence will be limited to two consecutive fiscal years.

Section 4. A member in good standing may apply for resignation by written communication to the Board of Directors. Upon acceptance by the Board of Directors, the member's resignation will become effective the first day of the following fiscal year. This individual's membership may be reinstated without payment of the initiation fee, pending acceptance of their application for membership by the Board of Directors.

Section 5. Members or member of any grade may prefer charges for disciplinary action against any other member or members of any grade, upon the grounds of unprofessional conduct or conduct detrimental to the Association, or in violation of its Code of Ethics or these Bylaws. Such charges shall be submitted in writing addressed to the President. The document shall specifically state the conduct in question, and be signed by the member or members preferring the charges. Such charges shall be treated as confidential by all concerned and shall not to be discussed or disseminated, except as provided by this section. The Board of Directors shall consider the charges within 30 days. If disciplinary action appears to be warranted, the ~~Secretary/Treasurer~~ Secretary/Historian of the Association shall advise the member or members in writing of the charges, the name(s) of the member(s) preferring the charges, the time and place of the hearing of such charges (which hearing shall be conducted by the Board of Directors), and of the member's right to present at such time a defense, either in person or in writing.

After considering the evidence presented at such hearing, the Board of Directors may, by at least two-thirds vote of the full Board of Directors, order such disciplinary action as it deems appropriate, including, but not restricted to, censure, suspension of membership, or expulsion. The suspension period shall not exceed one year and during the period of any suspension, the member(s)' obligation to pay dues shall continue. The Board of Directors may, at its discretion, notify the membership of the disciplinary action taken.

Each member of the Association waives any claim for libel or slander which the member may have against any member or the Board of Directors, or of any officer, agent, or employee of this Association by reason of any charges made or published, or any other action taken pursuant to this section.

ARTICLE III

DUES, ASSESSMENTS AND CONTRIBUTIONS

Section 1. Initiation Fees shall be as follows:

None	HONORARY
\$5.00	STUDENT
\$15.00	ASSOCIATE
\$30.00	PROFESSIONAL, AFFILIATE

Transfer Fees shall be as follows:

None	PROFESSIONAL to LIFE PROFESSIONAL PROFESSIONAL to FELLOW AFFILIATE to LIFE AFFILIATE
\$10.00	STUDENT to ASSOCIATE
\$15.00	ASSOCIATE to PROFESSIONAL ASSOCIATE to AFFILIATE
\$25.00	STUDENT to PROFESSIONAL STUDENT to AFFILIATE

Section 2. Annual dues shall be as follows:

None	HONORARY LIFE PROFESSIONAL LIFE AFFILIATE
\$ 10.00	STUDENT
\$ 55.00	ASSOCIATE, FELLOW
\$100.00	PROFESSIONAL, AFFILIATE

Members changing grade within the Association shall not be required to pay any additional dues during the fiscal year of the change.

Individuals joining the Association shall pay dues based on the following: If the Board of Directors approves the application between February 1st and September 30th, then 100% of the dues will be required, and will be applied to the full fiscal year beginning June 1st of that year. If the application is approved after October 1st and prior to February 1st, then 50% of the dues will be required for the balance of the current fiscal year.

Annual dues shall be payable upon billing and any member more than 6 months in arrears shall, except as herein provided, cease to be a member of the Association.

Section 3. The Board of Directors may increase or decrease initiation fees, transfer fees, and/or annual dues singly or collectively, by not more than 10% in any one year. If the Board of Directors propose an increase or decrease in initiation fees, transfer fees, and/or dues in excess of 10%, it must be approved by affirmative vote of not less than two-thirds of the voting grade members voting by letter ballot, in which balloting a majority of the eligible voting grade members vote thereon.

Section 4. On application from any member, the Board of Directors may, at its discretion and for cause, cancel part or all current dues and/or assessments of the member or extend the time of payment of the current dues.

Section 5. Additional funds required to carry on the activities of the Association may be raised through assessments which shall not exceed the annual dues for any one fiscal year. Any assessments proposed by the Board of Directors shall be referred to the voting grade members by letter ballot. If two-thirds of those voting, vote favorable, provided at least 50% of the voting grade members vote, the assessment shall be declared carried.

Section 6. The Board of Directors is empowered to receive contributions from any source, provided the funds so received are used to further the aims and objectives of the Association.

Section 7. The fiscal year of the Association shall be from the first day of June to the last day of May of the following calendar year.

ARTICLE IV

OFFICERS & ELECTED REPRESENTATIVES

Section 1. The officers shall be President, President Elect/Vice President, and a ~~Secretary~~/Treasurer.

Section 2. The Board of Directors shall consist of seven (7) voting grade members which shall include the three (3) officers, and four (4) directors. One of the directors shall be the last available Past President.

Section 3. The President Elect/Vice President and two (2) Directors shall be elected annually by the voting grade members.

Section 4. The President Elect/Vice President shall be elected for a three year term: one-year to serve as President Elect/Vice President, then serve the following year as President, and serve the final year as a member of the Board of Directors as the Past President.

Section 5. The two (2) Directors elected annually shall be elected for terms of 2 years. One of the two (2) Directors shall be elected as Secretary/Treasurer ~~designate and shall assume that office the second year of service.~~ The first year of service shall be as the Association ~~historian~~ Secretary/Historian. The second year of service shall be as the Association Treasurer. The other elected Director in the second year of service shall be appointed as the Association representative to the Utah Engineers Council.

Section 6. Directors shall be ineligible to succeed themselves.

Section 7. Vacancies in the Board of Directors shall be filled as follows:

- a. Vacancy of a Board member in their first year of service: The Board of Directors shall appoint a voting grade member to fill the remaining term.
- b. Vacancy of a Board member in their second year of service: The Board member designated to fill the vacated position the following fiscal-year, shall be appointed by the Board of Directors to fill the vacated position (i.e.: Vice President replaces vacated President, Secretary/Historian replaces vacated ~~Secretary~~/Treasurer). This individual will continue to serve the following fiscal-year in the same position. The then vacated first-year position shall be filled per the above paragraph.
- c. Vacancy of a Past President: The most recently available past president shall be appointed by the Board of Directors to fill the remaining fiscal-year position of Past President.

Section 8. One voting grade member shall be elected as a representative to the Utah Seismic Safety Council. This representative shall be elected by the voting grade members for a term of two (2) years. The Utah Seismic Safety Council Representative may not hold any other current elected office within the Association. If this position is vacated, the Board of Directors shall appoint a voting grade member to fill the unexpired term of service.

ARTICLE V

NOMINATIONS AND ELECTIONS OF OFFICERS
& REPRESENTATIVES

Section 1. The election of the President Elect/Vice President and two (2) Directors shall be conducted by ballot prior to the Annual Business Meeting of the Association in the Month of May, as described in Section 3 below. The election of the Utah Seismic Safety Council Representative shall be held bi-annually in conjunction with the annual election.

Section 2. Candidates for the offices of President Elect/Vice President, Director, and Utah Seismic Safety Council Representative shall be nominated and elected in accordance with the following procedure:

- a. A nominating committee consisting of five (5) voting grade members shall be nominated and elected by paper ballot at the March meeting. Nominations for this committee shall be made as indicated in subsection b below. Incumbent Officers, Directors, and members of the Nominating Committee for the previous year are ineligible for the current Nominating Committee except as follows: The President Elect/Vice President shall be chairperson of the Committee and one incumbent Director may be elected a member of the Nominating Committee.
- b. Only voting grade members shall be nominated to the Nominating Committee. Prior to March 1, the Board of Directors shall select eight (8) nominees for the Nominating Committee. In addition to the nominees selected by the Board of Directors, members of any grade may also submit, to the President Elect/Vice President, nominees for the Nominating Committee. These names must also be submitted prior to March 1.
- c. Prior to the March meeting, the names of the nominees for the Nominating Committee shall be sent to the members informing the membership of the intent to elect a Nominating Committee at the March meeting. The date, time, and location of the March meeting shall also be given.
- d. At the March meeting, additional nominees for the nominating committee may also be made. Voting grade members shall vote by paper ballot for four (4) from at least eight (8) nominees. The four (4) receiving the highest votes shall be declared elected to the Nominating Committee. Service on this Committee shall not affect a voting grade member's eligibility for office.
- e. Before April 2, the Nominating Committee shall report its nominations for office - one name for President Elect/Vice President and one name for each Director and Utah Seismic Safety Council Representative to be elected. This report shall be sent to the MEMBERS before April 9.
- f. Up to the April general membership meeting, additional nominations may be made by petition to the President Elect/Vice President of at least 5% of the voting grade members.

Section 3. Before May 1, all voting grade members shall be mailed a ballot listing the nominees for the various offices along with a plain envelope and an outer envelope stamped "Ballot". The marked ballot shall be sealed in the plain envelope, enclosed in the outer pre-addressed envelope, which shall be signed by the voter, and mailed, to be received in the Association office before noon of the day of the Annual Business Meeting in May. The ballots shall then be counted and those nominees receiving the highest votes shall be declared elected at the Annual Business Meeting. In case of a tie, the President Elect/Vice President shall cast an additional and deciding vote.

ARTICLE VI

POWERS AND DUTIES OF OFFICERS,
AND BOARD OF DIRECTORS & ELECTED
REPRESENTATIVES

Section 1. The President shall preside at all meetings of the Association and of the Board of Directors. The President shall be ex-officio member of all committees.

Section 2. The President Elect/Vice President shall fulfill the duties of the President in the President's absence. In the event of the President's death or resignation, the President Elect/Vice President shall perform the duties of President.

Section 3. Minutes of the Association's Annual Business Meeting and of its Board of Directors' meetings shall be taken by the ~~Secretary/Treasurer~~ Secretary/Historian or his/her delegate. A copy of such minutes shall be preserved by the ~~Secretary/Treasurer~~ Secretary/Historian and sent to the membership as deemed necessary by the Board of Directors.

The ~~Secretary/Treasurer~~ Treasurer shall be the custodian of all funds and financial records of the Association and shall make all disbursements when authorized by the Board of Directors. Financial ~~allowances~~ reimbursements may be made to the ~~Secretary/Treasurer, and other~~ officers, Directors, or committee representatives by the Board of Directors for the expenses incurred on behalf of the Structural Engineers Association of Utah. All checks shall be signed by 2 members of the Board of ~~Directors~~ officers.

~~Section 4. The Secretary/Treasurer designate, shall be assigned to be the SEAU historian.~~

~~Section 5. One of the Directors shall be appointed as the SEAU representative to the Utah Engineering Council.~~

Section 6.4. The Board of Directors shall direct and control the affairs of the Association, and appoint appropriate committees, one of which shall be an auditing committee to review all financial transactions for the previous fiscal year prior to turning the records over to the new fiscal year's officers.

Section 7.5. The Utah Seismic Safety Council Representative shall represent the interest of the Association as determined by the Board of Directors, shall attend Utah Seismic Safety Council meetings as required, shall fulfill other duties and responsibilities pertinent to the elected position as directed by the Board of Directors, and shall report to the Board of Directors all pertinent information from the Utah Seismic Safety Council.

ARTICLE VII

MEETINGS

Section 1. Meetings of the Association shall be held at the call of the Board of Directors.

Section 2. Five Directors shall constitute a quorum of the Board of Directors.

Section 3. The Board of Directors shall meet at least once a month. Special meetings may be called by the President.

Section 4. The Annual Business Meeting of the Association shall be the general membership meeting in the month of May each year.

Section 5. Robert's Rules of Order as latest revised shall govern all parliamentary procedure not otherwise provided for by these By-laws.

ARTICLE VIII

AMENDMENTS

Section 1. Amendments to these By-laws may be initiated by the Board of Directors, or petition of at least 10% of the members. The Amendment shall be adopted only upon affirmative vote of not less than two-thirds of the voting grade members voting by letter ballot in which balloting a majority of the voting grade members vote thereon.

BULLETIN BOARD

BULLETIN BOARD EDUCATOR FEATURE

Each month from this issue and for the next several months, SEAU News will be highlighting a Structural Engineering educator from one of Utah's engineering schools. This month's feature is the following:

DR. LOREN R. ANDERSON



Dr. Loren R. Anderson has been instructing at Utah State University since 1974. In 1991 he was appointed as the Department Head of Civil and Environmental Engineering. He earned his undergraduate and graduate degrees from Utah State University as well. Prior to teaching at Utah State Dr. Anderson taught at Humboldt State University from 1968 to 1974. He has also worked for CH2M Hill and the California Department of Water Resources.

For the 1976-77 school year Dr. Anderson was named Outstanding Teacher in the College of Engineering. He has also received the Award of Merit for Information Technology from the Utah Chapter of the American Planning Association for Production of a Video

"Earthquake Awareness & Risk Reduction" (1992-93). He received a certificate of appreciation from the U.S. Geological Survey in December 1987: "In acknowledgement of your demonstrated leadership and recognized accomplishments in fostering the implementation of measures to reduce losses due to earthquakes in the State of Utah". The Consulting Engineers Council of Utah nominated him for Engineering Educator of the Year in 1992. He was also recognized as the Engineering Educator of the Year in 1993 from the Utah section of ASCE and he was recognized as the Utah Engineer's Council Engineering Educator of the Year in 1994.

Dr. Anderson has been highly involved in many nationally recognized engineering and scientific institutes including The American Society of Civil Engineers (ASCE), U.S. National Committee of the International Society of Soil Mechanics and Foundation Engineering, American Society of Engineering Education, and Earthquake Engineering Research Institute (EERI).

The most recent courses he has taught include Consolidation Theory and Soil Improvement, Foundation Analysis and Design, and Environmental Geotechnics.

Alumni of USU's department of Civil engineering speak very highly of Dr. Anderson, many of which are now practicing structural engineers in Utah. These individuals feel fortunate to have had the opportunity of falling under Dr. Anderson's tutelage. SEAU News is proud to feature Dr. Loren R. Anderson for this months educator highlight and offers is sincerest gratitude for his diligent efforts in preparing future structural engineers in the State of Utah.

If you had an engineering professor at BYU, the U of U, or USU that you believe should be recognized in SEAU NEWS, please contact the SEAU Newsletter committee or send an email to jjohnson@reaveley.com.

BULLETIN BOARD

SEAU MEMBERSHIP APPLICANTS

The following individuals have submitted an application for approval by the SEAU membership committee for new members:

1. Brandon Keller - Associate
2. Scott Zabilansky - Associate

UPCOMING EVENT

Light Steel Framing and the Structural Engineer Seminar in Denver, Colorado, November 14-15
Please go to www.metalframing.org/seminars for more information. Or call:

Howard Sajecki
Design Group
The Steel Network Inc
Toll Free 888.474.4876 ext 142
www.steelnetwork.com

NEW SEAU E-MAIL LIST

As part of our ongoing effort to use technology to the best benefit of SEAU, the Web committee has enabled a new members' e-mail list (often referred to as a "listserv"). This list will be used to send the electronic-format monthly newsletter, notices from officers and committees, and other messages as appropriate.

The collection of addresses gathered by Dr. Reveley and used by his staff for the original round of mass mailings was used as the basis for the addresses in the new mail list. Everyone in that collection should have received a welcome message from the list manager. However, if you or anyone you know of is not receiving messages from the new list and would like to, please contact Dave Cassett at (801) 486-3883 or dcassett@reveley.com.

CLASSIFIDES**STRUCTURAL DESIGN ENGINEER**

Reaveley Engineers & Associates, Inc. has two or more positions available for self-motivated structural engineers. If you enjoy working on challenging projects using state-of-the-art-engineering solutions, have reasonable verbal and writing skills, and want to learn new methods to solve problems, we would like to hear from you. Projects may include new construction or renovation of existing buildings, seismic base-isolation, Buckling-Restrained or Eccentric Braced Frame systems, and Linear Dynamic, Non-Linear Static (push-over), or Non-Linear Time-History seismic analysis procedures. A masters degree is preferred (but not required) in civil engineering (structural emphasis). Send resume to:

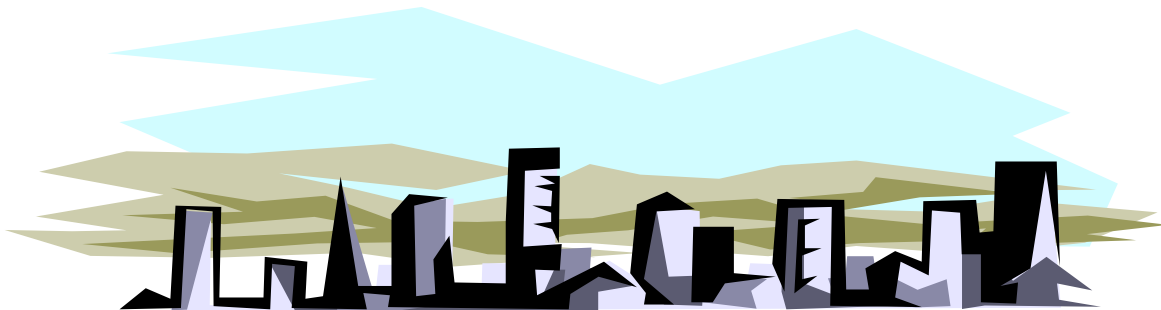
Reaveley Engineers & Associates
1515 South 1100 East
Salt Lake City, Utah 84105
Attn: Parry Brown

Phone: (801) 486-3883
Fax: (801) 485-0911
Email: pbrown@reveley.com

THIS SPACE FOR RENT

The newsletter is an excellent forum to target a very select group of professionals for advertising. To find out more contact:

Jerod Johnson,
c/o Reaveley Engineers & Associates, Inc.
1515 South 1100 East
SLC, UT 84105
Phone 486-3883, Fax 485-0911
Email: jjohnson@reveley.com



SEAU Presents:

NEW PROPOSAL FOR UTAH SNOW LOADS & PROFESSIONAL ETHICS PANEL DISCUSSION

Thursday, November 21, 2002
Social Hour 5:30 p.m., Program 6:00 p.m.

Proposed changes to Utah snow loads by:
Russell Merrill, SEAU Technical Committee Chairman

Ethics Panel Discussion headed by:
J. R. Richards, SEAU Professional Practices & Ethics Committee Chairman

Location:
Engineering and Mines Classroom Building, University of Utah
Room 1003

STRUCTURAL ENGINEERS ASSOCIATION OF UTAH

P.O. Box 58628
Salt Lake City, Utah 84158-0628
www.seau.org



Board of Directors

Larry Reaveley, *President*
Ron Dunn, *Vice Pres./Pres. Elect*
James M. Williams, *Past President*
Barry Arnold, *Treasurer*
Jeff Miller, *Secretary/Historian*
Julie Ott, *Member of the Board/UEC Delegate*
Carl Eriksson, *Member of the Board/UEC Delegate Elect*