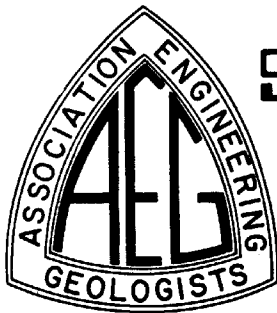


GARY GUACC:
Chairman - 213-433-5865
STEVE JENSEN
Vice Chairman - 619-931-1916
BOB ZWEIGLER
Treasurer - 818-980-0825
JAMES SHUTTLEWORTH
Secretary - 213-738-2826



SOUTHERN CALIFORNIA SECTION

news letter

MARK OSBORNE
Editor - 818-888-3786
C/O Osborne and Associates, Inc.
22715 Dolorosa St.,
Woodland Hills, California 91367

2550 BEVERLY BOULEVARD, LOS ANGELES, CALIFORNIA 90057

MAY MEETING

DATE: Tuesday, May 13, 1986
PLACE: Stevens Steak House
5332 Stevens Place
Commerce (T.G. 53 F2)
COST: \$14.00 (Tip included)
RESERVATIONS: Kovacs-Byer & Associates, Inc., 818-980-0825
Please make reservations by noon on previous
Friday.
TIME: 5:30 Social Hour
6:30 Dinner
7:30 AEG Business
8:00 Speaker
9:00 Section Affairs, if scheduled

SPEAKER:

David G. Harkrider, Ph D

The Problems of Seismic Yield Verification

Dr. Harkrider is Professor of Geophysics at Cal Tech, and former Associate Director of the Seismological Laboratory. He has a full background on seismic verification of underground nuclear tests, and will present pros and cons of problems of determining yield of Russian events by seismic means.

Robert T. Bean

Defusing the Nuclear Threat

Bob promises to review the evolutionary development of Homo Sapiens, including why we act and react as we do. He will then attempt to peer into the future, and will suggest the possible results of various modes of action and inaction. He promises to be somewhat controversial, but to give you a chance for questions and comments after his talk.

(Bob did graduate work in international relations at the University of Chicago before his training in geology, and also worked for the United Nations for five years ending in 1971.)

BULLETINS

The local section would like to thank Pacific Soils Engineering, Inc., Leighton & Associates, LeRoy Crandall & Associates, and Converse Consultants for support of the raffle prize fund with donations. These firms have been long time supporters of the profession and the Association.

Congratulations to Leighton & Associates who celebrates its 25th anniversary this year. This experienced and growing firm promises to continue to serve the southern California area and to support AEG.

On February 22, 1986, the Southern California Section of AEG held a student workshop to expose students to some of the many facets of a career in engineering geology. A well rounded, informative program was presented by Glenn Brown, Mike Barmasse, John Merrill, Gary Guacci, Dave Grover, Joe Cobarrubias, Richard Proctor, and Martin Stout. AEG would like to thank the efforts of CSULA and students Giuseppe Cugno, Michael Hernandez, Mike Morton, and Paul Turner. It should be noted that the workshop was put on at no cost to the students and no cost to AEG due to the generous financial contributions of the following firms: LeRoy Crandall and Associates, Geolabs-Westlake Village, Grover and Associates, Jeffrey W. Holt and Associates, Kovacs-Byer and Associates, Robertson Geotechnical, and Brian A. Robinson and Associates.

SUMMARY OF ANNOUNCEMENTS

Norman R. Tilford, President of AEG and professor of geology at Texas A & M University, presented an excellent synopsis of the current state of affairs of AEG. The emphasis of Norman's talk was directed toward thoughts on restructuring the AEG membership classification. In addition, there was concern expressed that AEG may lose its character as an association of "Geologists". This could result because of the on-going interest and hard work by engineers involved with the association. Mr. Tilford complimented these individuals, but clearly expressed the need for the association, which was founded by working geologists, to remain a geologic organization which serves geologists.

Three motions were passed for the upcoming April Board of Directors Meeting of AEG in Denver.

1. The local section chairman, Gary Guacci, is to make whatever decisions necessary to keep AEG under the leadership of geologists.

2. The local section chairman is to vote to support eliminating the class of "Academic and Research member" (Note: such current members will become associate members and could upgrade in membership).
3. The local section chairman is to vote to support the creation of a new "Fellows member " class with the following requirements:
 - a.) Semester hours equivalent to B.S. in geology taught in a University in a Geology Department.
 - b.) Distinguished service to the profession or AEG.
 - c.) An experience requirement.

The following announcements were made at the April meeting by Gary Guacci.

1. The dues statement has been inserted in the newsletter for the last four months and has been announced at all of the meetings. Current records show that there are many local members who have not yet paid. Please check your records to confirm payment. The mailing list change will begin with this newsletter.
2. The Board of Registration newsletter is at the printers and will be mailed to all licensees.
3. Board of Registration directories for licensees are now available. A copy may be obtained at no charge by writing to John Wolfe at the Board.
4. Charles Daugherty will become the next newsletter editor, replacing Mark Osborne, whose one year term is up this June.
5. Guidebooks for the recent meeting of GSA at CSULA are still available. See Mike Hernandez or Martin Stout at CSULA.
6. Note that there are changes in the phone numbers for Bob Zweigler (818-980-0825) and Gary Guacci (213-433-5865).

EMPLOYMENT OPPORTUNITIES

Smith Emery Company, Anaheim, currently has openings for an experienced staff level geologist and experienced soils technician. A minimum of two years of relevant Southern California experience required. Contact Paul Bogseth: (714) 630-4910.

Hakimian Engineering Company has an immediate opening for a certified engineering geologist with at least five years of local experience, salary commensurate with experience, to handle independently complex hillside development and distress investigations. Please send resume to Hakimian Engineering Company, 13003 Ladana Court, Santa Fe Springs, Ca 90670 Contact Ed Saliba: (213)946-7783.

James M. Montgomery, Consulting Engineers are currently interviewing for a senior hydrologist. Master of Science Degree with 4 or more years of relevant experience required. Salary commensurate with experience. Contact Carl Wieve, (714) 261-7210.

The County of Orange announces the following employment opportunities:

Jr. Engineering Geologist	Salary ... up to \$2704 max.	There will be a salary increase of approximately 4.75% effective July 4, 1986.
Geologist	Salary ... up to \$3012 max.	
Engineering Geologist	Salary ... up to \$3350 max.	

The County of Orange is currently recruiting for all three classes in the Engineering Geologist Series. The deadline for filing applications is May 15, 1986. For applications please call 834-2844. If you need specific information on this recruitment, call Joe Carrillo, Personnel Analyst at (714) 834-5731.

Incumbents in this series perform geological investigations and prepare reports on geological conditions of sites for public works projects; analyze grading plans, soil and geological reports to meet grading requirements and conform to geological standards.

Jr. Engineering Geologist: Is the entry-level training class in this series. Incumbents work under close supervision and are assigned the least difficult geological reports to review. A Bachelor of Science Degree in Geology and some training related to Civil Engineering is required.

Geologist: Is the journey-level Registered Geologist class. Incumbents are expected to work independently. Possession of a valid certificate as a Geologist issued by the State of California Board of Registration for Geologists is required.

Engineering Geologist: Is the journey-level Certified Engineering Geologist class. Positions work independently and are responsible for the most difficult projects and a wide range of engineering-related decisions. Possession of a valid Certificate as an Engineering Geologist issued by the State of California Board of Registration for Geologists is required.

The County of Orange provides a comprehensive benefit package including: Health Insurance; Deferred Compensation; Parenthood Leave, Sick Leave; Tuition Reimbursement; Vacation Pay; Holiday Pay; and a generous retirement package.

The following summary of the April talk was prepared by Bob Zweigler.

IS IT OR ISN'T IT - HAZARDOUS?
by Tom Mills

The Environmental Protection Agency has established regulations for all producers, handlers, transporters, and disposal facilities dealing with hazardous waste (essentially from the cradle to the grave). The list of which materials are considered hazardous is extensive and various regulatory agencies even disagree on the classification of certain materials. The minimum insurance requirements established by the EPA for companies dealing with hazardous waste have closed many landfills. The nearest disposal facilities handling certain liquid hazardous wastes are in Utah and Texas. The decline in the number of available facilities has led to a cost of disposal of one cubic yard of hazardous waste ranging from \$80 to \$150. Many former disposal sites around the United States have contributed to contamination of the environment. With the high cost of cleaning up old facilities, Superfund, which was established by the EPA to provide funds for cleanup through taxes on petroleum and various chemical products, is essentially broke. Case histories presented focused on gas station tanks which were being removed for new development and were discovered to have leaked. The soils contaminated by gasoline can be classified as hazardous and special treatment or disposal is often required. In addition, extensive exploration may be required to determine the extent of down gradient contamination.

If you are a member of AEG and would like to become a member of the local section of AEG, please fill out the following information form, enclose a check for dues payment, and mail to Bob Sweigler (Treasurer), Kovacs-Byer and Associates, 11430 Ventura* Boulevard, Studio City, CA 91064. The section Dues are \$13.00/member, \$4.00/student.

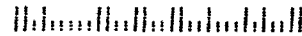
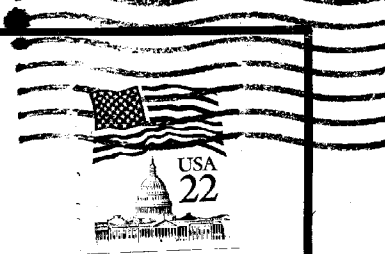
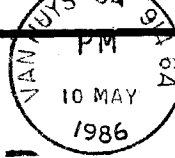
NAME _____ Membership status: M AM SM AF
Indicate preferred address (Home _____ Business _____):

Telephone _____ Zip Code _____


Don Lamar announces a new vastly improved Zip-A-Dip. Now 33% thicker, made with a special (expensive !!) die which produces a smoother edge and greater precision. Still ridiculously cheap at: \$3.00 each; \$2.50, 2-10; \$2.00, 11-49; \$1.50, 50+. Please buy some and help Lamar pay for the die. Send money to:

ZIP-A-DIP
1318 2nd St.
Suite 25
Santa Monica,
Calif. 90401

James Shuttleworth
P.O. Box 231,
West Covina, California 91739




PROFESSIONAL SERVICES


**EXPLORATORY DRILLING
AND
IN-SITU TESTING SERVICES**

251 TENNESSEE STREET
REDLANDS, CALIFORNIA 92373 (714) 793-6611

**P
R
O
F
E
S
S
I
O
N
A
L
S
E
R
V
I
C
E
S**

Robert Stone & Associates, Inc.
 *Engineering Geology • Soil Engineering
Material Testing*

Michael Scullin, C.E.G. 170
Vice President & Chief Geologist

15414 Cabrito Rd., Unit A (818) 989-5338
Van Nuys, CA 91406-1439 800-222-5913