

SAN FRANCISCO SECTION THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS



APRIL 1976

NEWSLETTER

PAUL H. GARBARINI 415-764-3310 Editor

TUESDAY, APRIL 13, 1976
COCKTAILS 5:30 PM
DINNER 6:30 PM
MEETING 7:30 PM

ENGINEERS CLUB
SAN FRANCISCO

ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

MR. ROBERT FOSTER

This talk will include the initial intent of the Warren-Alquist Bill, the difference between the initial legislation and what became law and an evaluation of the fulfillment of the laws intent by the present implementations.

RESERVATIONS REQUIRED BY APRIL 9th — 415-421-3184

THURSDAY, MAY 20, 1976

LIVERMORE
(To Be Established)

FUSION REACTOR RESEARCH

DR. G.A. CARLSON

Dr. Carlson is a member of the Lawrence Livermore Laboratory Fusion Reactor Studies Group. The talk should be very interesting.

RESERVATIONS: (To Be Established)

MAY 12TH AND 13TH, 1976

STANFORD RESEARCH INSTITUTE
MENLO PARK, CA

"PRACTICAL ALTERNATIVES TO PRESENT URBAN LIFE"

FIFTH BAY AREA ENVIRONMENTAL SYMPOSIUM

This is jointly sponsored by ASME, ACS, AIAA, AIChE, ASCE, AND IES.

The conference will last two full days and will feature papers on energy, transportation, natural and unnatural hazards, land use, etc. Registration, forms and program details can be obtained by writing to: Shirley Radding, Stanford Research Institute, Menlo Park, CA 94025.

APRIL 23 - 24, 1976

STUDENT UNION BUILDING, ROOM A-D
SAN FRANCISCO STATE UNIVERSITY
SAN FRANCISCO, CA

ASME PACIFIC CENTRAL REGION IX STUDENT CONFERENCE

Members of ASME Student Sections in ASME Region IX meet and present technical papers in a two-day Student Conference. A good opportunity to hear what concerns tomorrow's mechanical engineers. For more information call David Guerdat 415-392-3590 or Ron Kufa 415-521-1212.

NUCLEAR INITIATIVE — JUNE 8, 1976 BALLOT

The following is a summary of the Nuclear Initiative prepared by The Attorney General of California:

Nuclear Power Plants. Initiative Statute. After one year, prohibits nuclear power plant construction and prohibits operation of existing plants at more than 60% of original licensed core power level unless Federal liability limits are removed. After five years, requires derating of existing plants 10% annually unless legislature by two-thirds vote, has confirmed effectiveness of safety systems and waste disposal methods. Permits small-scale medical or experimental nuclear reactors. Appropriates \$800,000 for expenses of fifteen-person advisory group and for legislative hearings. If the proposed initiative is adopted, undefined additional financing from State sources will be required in the amount of at least \$800,000. However, if this initiative should restrict the operation of existing nuclear power plants, and the courts should uphold such action, there is a potential for substantial State damage claims from the owners of the plants.

The Public Affairs Committee of this region is assembling a packet of information from various sources regarding this initiative. There is a need for concerned members who are willing to convey this information to the general public. If you would be willing to be part of the team disseminating this information, we would like to send you copies of the literature thus far assembled.

MAIL YOUR REQUEST TO:

Lynn Redman
17 Nelson Avenue
Mill Valley, CA 94941
OR CALL 415-383-0821

PROFESSIONAL ENGINEERING REGISTRATION

As of January 1976, ten new engineering disciplines have been approved for professional engineering registration in California. For each of the new disciplines, a "grandfather" registration procedure has been established to register individuals who can demonstrate sufficient qualifying experience without the necessity of taking the usual written examinations. The new disciplines and expiration dates for their "grandfather" registration periods are:

| | |
|-----------------------------|-----------------|
| Aerospace Engineering | April 1, 1978 |
| Agricultural Engineering | October 1, 1976 |
| Control System Engineering | July 1, 1977 |
| Corrosion Engineering | January 1, 1977 |
| Fire Protection Engineering | January 1, 1977 |
| Manufacturing Engineering | January 1, 1978 |
| Nuclear Engineering | October 1, 1976 |
| Quality Engineering | October 1, 1977 |
| Safety Engineering | April 1, 1977 |
| Traffic Engineering | April 1, 1977 |

For details on registration in a new discipline, write the State Board of Registration for Professional Engineers, 1006 4th St., Sixth Floor, Sacramento, CA 95814. Specify the discipline(s) in which you are interested when writing.

COURSE ON SOLAR ENERGY UTILIZATION

A two-day course is scheduled for May 14-15 at the Lawrence Hall of Science on the University of California Berkeley campus.

Major solar heating systems will be discussed in detail, with extensive reference to existing commercial systems. The course will provide the participant with a basis for making informed judgments, including rough performance estimates and collector size calculations.

The program is intended for contractors, architects, engineers, owners, investors, and builders, as well as persons interested in government actions and laws that influence solar energy use in decentralized applications.

The enrollment fee is \$100. Further information may be obtained from Continuing Education in Engineering, UC Extension, 2223 Fulton Street, Berkeley, CA 94720; telephone (415) 642-4151.

The Cal Poly Electric Power Institute will present a two-day workshop on "Power System Protection" at California Polytechnic State University, San Luis Obispo, April 29 and 30, 1976. For information on attending the workshop, write to Dr. William F. Horton, Electric Power Institute, California Polytechnic State University, San Luis Obispo, California 93407.

DAVE PERLMAN

We just got word of your receiving the Atomic Industrial Forum Award, and would like to use the occasion to extend our congratulations. We at ASME had already taken note of your articles which, commendably, covered a rather sensitive and controversial topic with objectivity and clarity.

This will, I hope, be only one of many awards forthcoming. Again, our congratulations and appreciation.

ATTENTION: ASSOCIATE MEMBERS OVER 30

You may be eligible for promotion to full member status with no increase in dues. If you have at least five years of experience in "responsible charge of engineering work", you may qualify. Responsible charge is interpreted to mean supervising other engineers or making decisions on materials, specifications, etc.

Contact Jack Darnell 415-768-2274 for further information on Membership Development.

NEWSLETTER

- A. Are you receiving your newsletter on time? If not, please contact Phil Nishikawa 415-562-2773.
B. If you know of information that should be included in this newsletter send it to:
Paul H. Garbarini, 50 Beale Street, San Francisco, Calif. 94105.

Information for the May newsletter must be in the hands of the publicity chairman not later than April 13th.

ASME - San Francisco Section Officers 1975-76.

Chairman Phil Nishikawa, Ph. (415) 562-2773
Vice Chairman Earl Persson, Ph. (415) 835-3000, x 359
Secretary John Sale, Ph. (415) 781-4211, x 1896

Treasurer Dan Mote, Ph. (415) 642-2544
Members-at-Large Jerry Fischenich, Ph. (415) 635-4742
Al Thurman, Ph. (415) 271-5268