

SAN FRANCISCO SECTION THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS



JANUARY 1978

NEWSLETTER

RAY RAHN 415/781-4211 Editor

SECTION NEWS

CHAIRMAN'S NICHE

I would like to wish you a Happy New Year. This can be the year of positive resolutions for the San Francisco Section.

Earlier this year I asked in the newsletter that you become more involved with your professional society. To prove to you that the involvement asked for was not a one way street, an effort was made to expand the newsletter and provide you with more professional information. I believe that we are succeeding with our goal. My first resolution is to continue to provide you with an ASME Section that you can be an active part of.

I also asked that one of our members consider working with our University Affairs Committee and provide liaison with Cal State University — San Francisco and with Cogswell College. I have just been told that we now have a committee member for Cal State University — San Francisco. My second resolution is to find an Engineer who would be willing to be our liaison with Cogswell College.

During the second half of this year, our Section will be involved in three major activities besides our regular monthly meetings. They are:

1. Engineers' Week
2. Student in Industry Day, and
3. 1978 Winter Annual Meeting

Each of these activities won't require total Section involvement. Some activities will require that the people contacted be willing to answer in a positive manner to our request. Other activities will require that you recognize our needs and goals of our Society and volunteer some of your time. My final resolution is to continue to make you aware that *Mechanical Engineers serve not only themselves, but others.*

SECTION ACTIVITIES

Joint Meeting

IEEE Power Engineering Society — S.F. Chapter
ASME, San Francisco Section

Date.....Tuesday, January 10, 1978

Time.....5:30 - Social, 6:00 - Dinner, 7:00 - Meeting

Place.....dinner — PG&E Cafeteria, 77 Beale St., San Francisco (Third Floor)
Meeting — PG&E Conference Rooms A & B, 245 Market St., San Francisco

Topic....."The Liquid Metal Fast Breeder Reactor, It's Role in the Future"

THE BREEDER REACTOR — *Our Long-Range Energy Future*

Fossil Fuels Are Being Depleted — Sometime after the year 2000 the United States is expected to deplete its recoverable supply of fossil fuels. The Nation will then probably have to rely mostly on energy in the form of electricity generated from sources that are essentially inexhaustible — including the sun, hydrogen fusion, and the breeding of uranium. One or more of these technologies will be critical to meeting our energy needs during the 21st century.

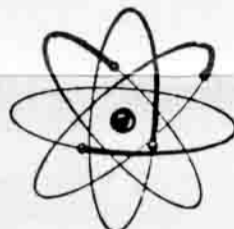
Long Range Solutions Are Beginning Now — All three technologies are being developed on a high priority basis for long-term energy requirements. Since all are unproven and require long lead times to demonstrate, development work on them must be actively pursued now.

Breeder development involves primary emphasis on the liquid metal fast breeder reactor (LMFBR), with other breeder concepts being developed as alternative systems.

Speaker.....Dr. C.B. McGough — Manager, Marketing Programs, Advanced Reactor Division — Westinghouse

The need for and the benefits to be derived from a relatively new breed of reactor, the LMFBR, is the subject of this meeting. The discussion will include the forcing functions surrounding breeder development, and some insight into public opinion based upon a recently conducted survey.

The speaker, Dr. C.B. McGough, is widely published, particularly in the topics of the liquid metal fast breeder reactor and sodium. He received a Ph.D. in Chemical Engineering at the University of Pittsburgh, and recently has served as the U.S. ERDA representative at the West German Liquid Metal Fast Breeder Reactor Firm, Interatom. Currently Dr. McGough is the Manager of Marketing Programs with the Advanced Reactor Division of Westinghouse.



STUDENTS IN INDUSTRY DAY

In the past ASME (S.F. Section) has supplied names of companies and contacts within those companies for a "Student in Industry" Day. We are again asking for companies willing to show an engineering student what engineering in their respective companies is all about. If you would be willing to show an engineering student your job as an engineer, please volunteer. Send your name, your company, your job function and telephone to:

Donald Alan Parker
Hexcel Corporation — 11711 Dublin Blvd., Dublin, California 94566

CONTINUING EDUCATION

The following programs may be of interest to the members. I have copies of the announcements if you are interested.

- 1978 NFPA Seminars on Chapters 8-17 of the Life Safety Code 101. Seminars are scheduled as follows:

Tampa, Florida	Feb. 14-16
Philadelphia, Pennsylvania.....	Feb. 27 - Mar. 1
Kansas City, Missouri	Mar. 15-17
San Diego, California	Mar. 28-30
Washington, D.C.	April 3-5
Boston, Massachusetts	April 11-13
New Orleans, Louisiana.....	May 8-10

Registration, if paid 30 days in advance: \$215.00.

- P.E. Exam Review Correspondence Courses. The following are offered:

Course "A" — Engineering Fundamentals
Course "B" — Mechanical Engineering
Course "C" — Electrical Engineering

Fee: \$95 per course.

To finish in time for the "April" or "November" exams and conform to the standard 12-week mailing schedule, your application should be received by January 1st or August 2nd, respectively.

If you would like information on this or other programs mentioned in the newsletter or if you know of any programs that would be of interest to the members, please let me know.

R. N. Sykes (221/5/A13 — Bechtel Power Corporation
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EMPLOYMENT OPPORTUNITIES FROM LASIK AND MYCOFF

Client.....Nationally recognized A/E firm
Location.....Suburban Upper Midwest
Position.....Principal Mechanical Engineer — Will function as Group Leader over HVAC and Fire Protection Engineering for nuclear and fossil central stations. Requires a BSME, PE and minimum of 5 yrs. supervisory experience. Salary may range to high 30's.

Client.....Public Held Utility
Location.....Southwest
Position.....Manager of Operations — Will direct operations of coal fired electric generating stations. Requires experience managing mine mouthed plants.

Client.....Investor Owned Utility
Location.....Southern Midwest
Position.....Station Manager — Initially would supervise start-up of large nuclear power plant; then be responsible for all operations and maintenance. Requires engineering degree and 12 yrs. experience in power plant operations. Salary to mid 30's.

CONTACT...Lasik & Mycoff Associates, Inc.
P.O. Box 26320B, Denver, CO 80226
PH: 800-525-9082



LENDMAN ASSOCIATES CAREER CONFERENCE — January 13-14, 1978 in San Francisco

CAREER CONFERENCES are hiring conventions which bring the corporate recruiters and line managers of many companies together in a luxury convention hotel environment with degreed and experienced professionals. In the last twelve years, over 600 LENDMAN CONFERENCES have taken place involving over 3000 hiring companies and resulting in over 27,000 hires. The strength of the CAREER CONFERENCE concept is its simplicity. Since participation involves no commitment or obligation, the CONFERENCES simply serve to centralize the interviewing and hiring functions by bringing the right job applicants together with hiring companies in an environment conducive to results. When a hire occurs, our client companies pay us a fee. For the applicant, the program and resultant placement is cost-free.

Over 100 CONFERENCES are held annually nationwide. In California, 16 conferences are conducted yearly in San Francisco, Los Angeles, San Diego, and San Jose. Each Conference will bring representatives for 30-40 companies together to interview for literally hundreds of positions in engineering, ranging from entry level to middle management.

Some of the companies who will be attending the upcoming San Francisco Conference include Exxon, Westinghouse, Honeywell, IBM, Ford, Signetics, Tektronix, and Union Carbide to mention only a few. For further information please write or call:

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