

SOLAR ENERGY INDUSTRY REPORT

PAUL BEVENS NEW CAL SEIA PRESIDENT

At the December 18th Board of Directors meeting held in San Diego, Paul Bevens of Familian Pipe and Supply Co., was elected to serve as President of the California Solar Energy Industries Association for 1979.

Also elected were John Blake, (Revere Solar & Architectural) Vice President; Mike Donaldson, (Solar Hydro Systems, Inc.) Secretary; and Jay C. McLaughlin, (Solar Energy Products, Inc.) Treasurer.

Jerry Cook, immediate Past President will retain a non-voting advisory position on the Board and Executive Committee for one year.

Other members of the Board are Frank Ames, Al Boniface, Winston Boone, Mike Boylson, Howard Kraye, Brian Langston, David Laudig, Peter Sardagna and Ying-Nien Yu. Ildiko Demeter, representing SCSEA, and Alden Bryant, representing NCSEA, also retain seats on the Board.

At the same meeting, Walter Hays, Attorney with Hays, Sanford & Latta, Inc., was selected to serve as CAL SEIA's Legal Counsel.

CAL SEIA INITIATES INSTALLATION WARRANTY PROGRAM

CAL SEIA has secured Garrett G. Steinbeck & Co., as its broker to handle their Solar Contractors Bonded Installation Warranty Program.

Application and follow-up information will be sent out to all CAL SEIA members before January 31, 1979. Upon approval of applications, Garrett G. Steinbeck & Co., will prepare the General Agreement of Indemnity. When this document is signed and returned to Steinbeck & Co., a Surety file will be set up and they will issue the Installation Warranty Bond to participating members.

A one-time underwriting set-up fee of \$25.00 is all that is required to participate in this program. The Program is open to CAL SEIA members only.

ENERGY COMMISSION ADOPTS REGULATIONS GOVERNING SWIMMING POOL HEATING SYSTEMS.

The CAL SEIA subcommittee on Swimming Pool Standards, after many months of testimony and work with the CEC, finally saw adopted on Friday, January 5th the new requirements on Swimming Pool Heating. For the benefit of all CAL SEIA members, we have printed the text on the new regulations below.

SWIMMING POOL HEATING

(1) The requirements of this Section shall apply after July 3, 1979.

(2) Any new or replacement fossil fueled swimming pool heater system shall be equipped with all of the following:

(a) An ON-OFF switch mounted on the outside of the heater for easy access to allow shutting off the operation of the heater without adjusting the thermostat setting and to allow restarting without relighting the pilot light.

(b) A permanent weatherproof plate or card, easily readable, giving instructions for the energy efficient operation of the swimming pool and for the proper care of swimming pool water when a swimming pool cover is used.

(c) A length of plumbing (36" minimum) between the filter and the fossil fuel heater to allow for the future addition of solar heating equipment.

2.

(3) Any new or replacement fossil fueled swimming pool heater installed after January 1, 1982 shall have a thermal efficiency of at least 75% when tested in accordance with ANSI Z21.56-1975.

(4) Outdoor pools equipped with a fossil fuel heater shall also be equipped with a pool cover.

(5) Time clocks shall be installed on any new or replacement pool circulation pump not already so equipped so that the pump can be set to run in the off-peak electric demand period (unless required to operate an active solar pool heating system) and for the minimum time necessary to maintain the water in a clear and sanitary condition in keeping with applicable



**Manufacturer of
Solar Energy Equipment**

WORKING TOGETHER
WITH YOU TOWARD
ADVANCEMENT AND
COMMERCIALIZATION
OF SOLAR ENERGY
THROUGHOUT THE
NATION.

Member SEIA CALSEIA

1957 West 144th Street
Gardena, California 90249
(213) 770-1756

3. SWIMMING POOL STANDARDS (Cont.)

public health standards. Where public health standards require twenty-four hour operation, time clocks shall not be required.

(6) All new pools shall be equipped with directional inlets for good mixing of the pool water.

(7) No permit to build a swimming pool equipped with a fossil fuel or electric heating system or to install a fossil fuel or electric heating system for a swimming pool shall be issued until the following requirements have been met:

(a) A licensed contractor shall submit to the pool owner a written bid estimate for installation of at least the following types of systems: (i) an active solar system meeting the California solar energy tax credit requirements, and (ii) a fossil fuel heating system and a pool cover. The bid estimate for each system shall also include an approximation of the annual operating cost of heating for 10 years with and without a pool cover with the proposed systems designed to maintain the pool water at 78°F from May 1 through October 31 under normal weather conditions. Such bid estimates shall include but need not be limited to pool cover replacement costs. The bid estimate for an active solar system shall show any tax credit which may be available for the system. The bid estimates shall not be construed to be warranties or guarantees unless they expressly so state.

(b) Energy prices and weather conditions used in preparing the bid estimates shall be as shown in the Residential Energy Conservation Manual.

(c) The person for whom the system is to be installed shall certify as part of the application for a pool building permit that he has read all bid estimates as provided in Subsection (a).

Pools used for teaching, health or therapeutic purposes are not exempt from these requirements.

Familian has SOLAR!

Finally, it is possible to get all the solar you need at a one-stop source.

All Familian Pipe & Supply branches are now carrying a full line of solar component parts and complete systems.

For further information contact Paul Bevens, Manager of Familian's Solar Products Division, at:

(213) 786-9720 or 873-5050



Familian Pipe & Supply Co., inc.
A Subsidiary of **Familia corp.**

ENERGY COMMISSION/CAL SEIA
SOLAR SEMINARS

One day seminars, developed by the California Energy Commission, the Small Business Administration and CAL SEIA will be held in San Francisco on February 22, in Sacramento on February 23, in Los Angeles on February 26, and in San Diego on February 27.

The one day workshops are specially designed for persons who own or manage small solar businesses or who intend to open a solar business. At the workshops you will learn important survival techniques and discover specific ways to improve your business and get ahead. The course will be taught by seasoned professionals in business finance, law, management and advertising - people who know what works.

Each participant will receive a specially designed workbook that supplements the information presented in the course. This workbook can be a valuable resource for future business reference.

The seminar in the San Francisco bay area will be held at the Oakland Airport Hyatt Inn; Sacramento at the Red Lion Inn; Los Angeles at the Biltmore and in San Diego at the Sheraton Harbor Island Hotel. Each seminar will begin at 8:30 a.m. and end at 4:30 p.m. Cost per seminar is \$25.00 per person/advance registration. Fee includes workbook, lunch and coffee breaks. Please use the form opposite to register. Space is limited.

REGISTRATION FORM

4.

ENERGY COMMISSION/CAL SEIA SOLAR SEMINAR (Please Print)

NAME

HOME PHONE ()

COMPANY NAME

ADDRESS

CITY

STATE

ZIP

BUSINESS PHONE ()

Please enroll me in the Energy Commission/CAL SEIA Solar Seminar in Sacramento, San Francisco, Los Angeles, San Diego. Enclosed is my check for \$25.00. I understand that this registration fee includes instructional costs, workbook, coffee breaks and lunch. PLEASE MAKE CHECKS PAYABLE TO CAL SEIA. Forward registration form to: CAL SEIA, 926 J Street, Suite 820, Sacramento, California 95814.

Upon receipt of your registration form, you will be notified of the location of the seminar in the city you check on this form.

Signature:

REGISTRATION FORM

5.

HEARINGS SET FOR CHANGES IN THE
"GUIDELINES & CRITERIA FOR THE
CALIFORNIA SOLAR ENERGY TAX
CREDIT"

The Energy Commission has announced that hearings will be held at the following locations for interested parties to participate in the development of changed criteria for the California Solar Energy Tax Credit:

Public Utilities Commission
455 Golden Gate Avenue
Room 1194 Auditorium
San Francisco, California
10:00 a.m.
January 15, 1979

Caltrans Building
1616 S. Maple Avenue
Training Room
Los Angeles, California
10:00 a.m.
January 16, 1979

AB 3623 changes the definition of solar systems eligible for the tax credit, adds wind systems and solar electric systems, and makes numerous small changes including computation changes for the credit when both Federal and State tax credits are available as is the case today.

The revised draft "Guidelines" and "Staff Report" on the reasons for each change are available upon request by calling (916) 920-6430 or toll free (800) 852-7516, the Office of Communications at the Energy Commission.

CAL SEIA Director Mike Boylson
(CAL SEAL Director), Aggie James

CAL SEIA Executive Vice-President, and other members of the CAL SEIA Governmental Affairs Committee will be attending these hearings and testifying on behalf of CAL SEIA. Mr. Boylson would like to see as many industry people as possible attend these hearings.

CAL SEIA COMMITTEE MEETINGS

The CAL SEIA Public Relations Committee will meet in Sacramento on Wednesday, January 17th in the CAL SEIA office at 9:30 a.m.

The CAL SEIA Industry/Utility Committee will meet on January 23rd at the Holiday Inn in Long Beach at 10:00 a.m.

A CAL SEIA regional meeting will be held on January 25th in the Federal Building, 11000 Wilshire Blvd., in West Los Angeles from 7:00 - 9:00 p.m.

JOIN CAL SEIA NOW!! ENJOY
ALL THE BENEFITS OF THE SOLAR
INDUSTRY'S TRADE ASSOCIATION



SUN RAY

**SOLAR
SYSTEMS**

PRACTICAL APPLICATIONS OF SOLAR ENERGY

1850 Mt. Diablo Boulevard
Walnut Creek, CA 94596 (415) 937-4226

ENGINEERS - CONTRACTORS LIC. #331263

SOLAR ENERGY SALES, INC.
EMORY PLUMBING CO., INC.
SAVELL SYSTEMS INTERNATIONAL
VESSEL DESIGN SERVICE
ROBERT PAYNE CORPORATION
RADCO PRODUCTS, INC.
SHS -AQUASOLAR
ENVIRONMENTAL ENERGY
SACRAMENTO MUNICIPAL UTILITY
DISTRICT (SMUD)
SAN DIEGO GAS & ELECTRIC CO.
SOLCOOR/LORDAN
GARRETT G. STEINBECK & CO.
SOLAR ENERGY EQUIPMENT CO.
ADVANCED PLUMBING COMPANY

WELCOME TO CAL SEIA!!

SOLAR TRAINING SEMINAR

Solar Energy Products, Inc., will hold their next Solar Training Seminar on February 9, 10 & 11, 1979 in Burlingame at the Burlingame Hyatt House.

Solar Engineering Fundamentals will be discussed thoroughly and presentations will be made by experienced architects, engineers and solar specialists on all phases of solar. For further information contact Ms. Conta, Seminar Coordinator, at (707) 584-7161.

JOIN CAL SEIA AND ENJOY THE BENEFITS OF THE SOLAR CONTRACTORS BONDED INSTALLATION WARRANTY PROGRAM. CONTACT AGGIE JAMES (916) 443-1877 FOR FURTHER INFORMATION.

ADVERTISEMENT COMPLIMENTS OF:

Rod Bergen, Solar West Construction Co.
&
Douglas V. Koch, Garrett G. Steinbeck
& Co.

LEGISLATION RE-INTRODUCED FOR A STATE ASSISTANCE FUND FOR ENERGY

Senator David Roberti (D - Hollywood) has introduced SB 16 (SB 1600, 1978 session) which provides for the creation, organization and operation of a non-profit corporation to be known as the State Assistance Fund for Energy, California Business & Industrial Development Corporation.

Senator Roberti sponsored the same legislation last session in the form of SB 1600; however, it died in the last minutes of the legislature after it had been heard by both houses of the legislature and passed by all committees.

Assemblyman Vic Calvo (D - Mountain View) is co-author of SB 16.

The measure would appropriate \$3,000,000 from the Energy Resources Conservation & Development Special Account for the purposes of its provisions.

The CAL SEIA Governmental Affairs Committee voted to support this measure at their meeting in October in Sacramento.

Hopefully, we will have better luck during this session in seeing that this measure is passed and signed into law.

7. SOLAR UPRISING '79

The SEIA National Solar Heating and Cooling Workshops & Products Exhibit will be held at Anaheim, California, May 11-15, 1979 with the theme of the conference being "Solar Uprising '79."

John Blake, Chairman of the Meetings & Exhibits Committee, and SEIA staff and other SEIA members have been hard at work on this conference to make it the best ever. At a December 29 meeting held in Anaheim the committee members present indicated that a departure from the format of past meetings was in order. Since there are many different reasons why various individuals attend the meeting, the committee

is recommending structuring time to allow the Association to conduct its many important activities and to provide nonconflicting time for a trade show and a tight package of seminar sessions concentrating on useful solar information.

Another meeting of the committee is scheduled for San Francisco on February 1 to finalize all plans.

CAL SEIA staff is working closely with SEIA to assure the best possible attendance and the most interesting program presented yet at a national meeting.

Further information will be forthcoming after the February 1st committee meeting.

Prospective Exhibitors may contact JoAnne Bard, SEIA's Director of Meetings & Exhibits, at Suite 800, 1001 Connecticut Ave., N.W., Washington, DC 20036, or call (202) 293-2981.

CAL SEIA is encouraging all members to participate in this "Solar Uprising '79" and to publicize this workshop and exhibit to all persons who have an interest in solar, such as builders, contractors of all types, architects, engineers, bankers, financial people, real estate and investment people, etc.

BTU METER
An Accurate
Low Cost
Solution to
Measuring
SOLAR OUTPUT



Measures precise number of BTUs your system saves. Now in use by major utility companies and corporations in the energy industry for instant data and environmental impact monitoring.

Conserdyne Corporation

4437 San Fernando Road
Glendale, CA 91204
(213) 246-8408

JOIN CAL SEIA NOW!!

Attach and mail - please print or type

CAL SEIA Membership Committee
Frank B. Ames, Chairman
926 Jay Street, Suite 820
Sacramento, CA 95814

Phone: (916) 443-1877

Yes, I want to become a member of CAL SEIA. Enclosed is my check for \$75.00 _____ \$150.00 _____ \$300.00 _____ to cover my yearly dues.

Company Name _____

Representative _____

Address _____

City _____ State _____ Zip _____

Home Phone () _____ Business Phone () _____

I am a current S.E.I.A. Member. Yes ___ No ___

Please mark the categories that describe your solar business.

Manufacturer _____	Distributor _____	Retailer _____
Installer _____	Engineer _____	Architect _____
Consultant _____	Financing _____	Trucking _____
Mfg. Rep. _____	Jobber _____	Builder _____
Contractor _____	Other (describe) _____	

CAL SEIA MEMBERSHIP DUES STRUCTURE:

- \$75.00 per year - Installers, Engineers, Architects, Consultants, Contractors, etc.
- \$150.00 per year - Manufacturers, Wholesalers, Distributors (including companies involved in above category)
- \$300.00 per year - Manufacturers receiving \$250,000 in revenue per year from the sale of solar equipment in California.

9. THE PRESIDENT'S CORNER

THE UNITED VOICE

As your new President, let me wish each of you a Happy and Prosperous New Year. I was honored to be chosen by our Board to work on your behalf in the coming year. As you must know, the time and energy commitment required to adequately execute this office is severe. I am prepared to dedicate my full efforts to this end and anticipate being a strong voice in carrying your message to our governmental agencies this coming year.

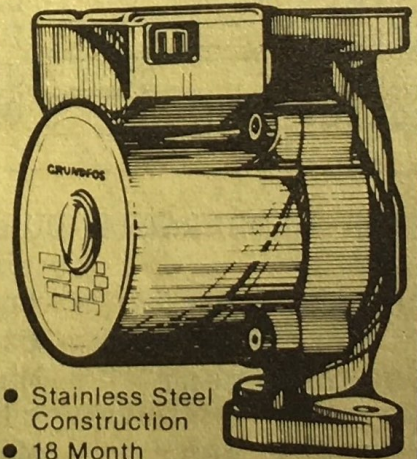
Those of us that have been in solar for any length of time know the heartbreak and frustration that can accompany an infant industry trying to gain public acceptance. To compound matters we have entered heretofore sacred ground, the energy marketplace, dominated by giants whose power and strength is felt the world over. As individual participants we have little chance of effecting much in the way of legislative change that would benefit our interest. Compared to the sophisticated lobbying efforts of these energy giants, our individual efforts would seem futile. Our only hope of making ourselves heard where it counts is through presentation of the United Voice.

CAL SEIA was formed with one purpose in mind, to establish a united voice to speak with authority about matters that directly concern us in our endeavors, to guide our own destiny in the emerging solar age. What started out as a handful of con-

cerned solar advocates has grown to 161 members in less than two years. CAL SEIA has fought battles, developed programs and affected legislation for the good of everyone in the solar industry. We have the respect and accolade of every state agency in California and are recognized nationally as the most active chapter in SEIA.

This is an admirable beginning. However, we have rough water ahead. New legislation must be evaluated and acted upon, proposed changes of the tax credit guidelines must be answered, national standards must be adopted, local municipalities are establishing potential obstacles which must be dealt with and met. The need for a united front is more pressing now than ever

The Pump



- Stainless Steel Construction
- 18 Month Warranty
- Efficient and Quiet
- No Lubrication or Maintenance

GRUNDFOS

Manufactured in
Clovis, California (209) 299-9741

before. Our staff in Sacramento is among the most competent and energetic available, but they need your support. As past Treasurer of this Association, I can tell you that the primary concern is operating expenses. Your dues renewal gives your staff the means to effectively make your views known in Sacramento. Additionally your dollars are used to keep you informed about upcoming legislation and provide you with information of mutual interest and concern through our newsletter and special mailings. A second area of support that is equally as important is your personal involvement with your association. It is personally a little disappointing to see the same few faces month after month assuming the responsibility and donating the efforts to effectively manage this association. There have been programs and opportunities that have gone by the board simply because we have not had enough individual assistance to adequately develop them. Your participation is so important that I have initiated monthly regional meetings the second of which will be held in Westwood on January 25, 1979. These regional meetings are intended to be an opportunity for you as members and potential members to get involved with the decision making process of the Association. By discussing items of concern with Board members, your ideas are sure to be represented as CAL SEIA takes position on specific matters. Additionally, you will have an opportunity to meet others in the solar field

in your area and discuss areas of mutual concern while receiving firsthand information on legislation and programs that will affect your business. If you are interested in initiating or participating in one of these regional meetings, please contact our staff in Sacramento for further details.

In closing, I beseech each of you as members to support your association by renewing your commitment to a strong voice in Sacramento and by soliciting those who are not members to participate, thereby strengthening our United Voice.

PAUL R. BEVENS, President
CAL SEIA

CAL SEIA BOARD OF DIRECTORS
MEETING SCHEDULE

March 5th - Sacramento, 926
Jay Street - 2nd Floor

June 11th - Orange County (to
be announced)

September 17 - San Francisco
(to be announced)

December 17th - San Diego (to
be announced)

Mark your calendar now. Board meetings are opened to all CAL SEIA members.

DATES TO REMEMBER

- February 21-22 - SEIA National Solar Electric Conf., San Jose, Convention Center
- February 22, 23 - CAL SEIA/CEC SOLAR SEMINARS. See page 4 (this
26, 27 issue).
- March 5 - CAL SEIA BOARD OF DIRECTORS MEETING, SACRAMENTO
926 Jay Street, 2nd Floor Conference Room
- March 8 - 11 - Energy Expo '79, at CAL EXPO in Sacramento
- May 11 - 15 - SEIA National Solar Heating and Cooling Workshops & Product Exhibit, Anaheim Convention Center

- PLACE AN AD:
- 2 x 2 - \$30.00 Monthly
2 x 4 - \$40.00 Monthly

Place a one-year ad and get a 10% discount!

CONTACT: Ms. Aggie James, Executive Vice-President
California Solar Energy Industries Association
926 Jay Street, Suite 820
Sacramento, California 95814 (916) 443-1877

Solar

Energy



Products, Inc.

Proudly serving the
solar industry by supply-
ing **SUNFIRED™** energy
systems through a
national sales and service
dealership network —

P.O. Box 3969
Santa Rosa, CA 95402
(707) 584-7161

SOLAR STORAGE TANKS

High Temperature

- 180°F and 210°F

Double-Walled Fiberglass

- Seamless Gelcoat Inside
- Outer Fiberglass Coated with Ultra-Violet Paint
- (R-30) Urethane Foam - 4"

12 Standard Sizes

- From 80 to 3000 Gallons
(Larger or non-standard sizes special order)

Write or
Phone
(415) 883-7040

**SOLAR
SYSTEMS**

180 COUNTRY CLUB DRIVE
NOVATO, CALIFORNIA 94947