

DUST DEVIL

ARIZONA CHAPTER NEWS-LETTER

AMERICAN SOCIETY OF HEATING & AIR CONDITIONING ENGINEERS

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VOLUME II

PHOENIX, ARIZONA

DECEMBER, 1957

NO. 4

TED'S CORNER

Through their membership in ASHE our members have been enjoying many interesting and informative meetings as well as gaining from the social and business contacts that are made. Our member Mr. John Yellott, Executive Director for The Association For Applied Solar Energy, who assisted Prof. James Elmore in providing our last program, has offered to keep our members informed on the new solar house as it reaches points of development of particular interest.

Those members who participated in the Joint Engineering Activities November 15 and 16 report finding all meetings, dinners and parties a great success. Of particular interest was the very outstanding talk given by Mr. Krafft A. Ehrliche at the Annual Joint Banquet. Mr. Ehrliche presented a two hour talk which has been proclaimed by many as the finest talk that they had ever heard. The talk was "Investigating Outer Space by Means of Artificial Comets". My only regret is that more of our members did not attend this dinner.

Our Program Committee is actively engaged in making arrangements for many more interesting programs.

Ted Boothroyd

DECEMBER MEETING

DATE	December 2, 1957
TIME	7:30 PM
PLACE	Encore Cafe
SPEAKER	Mr. Bruce Short
TOPIC	Deep Mine Ventilation Problems

Mr. Bruce Short is the Ventilation Engineer for the Magma Copper Co. in Superior, Arizona. One of Mr. Short's duties is to supply ample ventilation for one of the deepest mines in the world. One of the shafts is over a mile deep and others just under a mile. Since these depths produce such adverse conditions as excess temperature etc. one can readily see that adequate ventilation is a must and is very much a problem.

Although none of us may encounter the design for a system of ventilation such as this, certainly the relationship of such a system to ones with which we are familiar and the application of the equipment, should make this talk very interesting and informative.

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DECEMBER ANGEL

We sincerely thank Carns-Hoaglund Sales Company for their contribution to help defray the cost of this month's Dust Devil publication. Their aid is greatly appreciated.

COMPILED
BY George L. Jackson, Jr.
SECT.

MINUTES OF

MEETING DATE NOVEMBER 4 1957

Ted Boothroyd

PRES.

Arizona
(CHAPTER)

ATTENDANCE:

MEMBERS 27
VISITORS 4
TOTAL 31

AMERICAN SOCIETY OF HEATING AND
AIR-CONDITIONING ENGINEERS

TOTAL NO. CHAPTER MEMBERS ON ROLL 58

RETAIN WHITE COPY FOR CHAPTER FILE

A CHECK LIST OF ITEMS
TO BE REPORTED

1. PRESIDING OFFICER
2. CALL TO ORDER
(TIME & PLACE)
3. ROLL CALL
4. APPROVAL OF MINUTES
5. REPORTS
6. ELECTION
MEMBERS
OFFICERS
7. OLD BUSINESS
8. NEW BUSINESS
9. SPEAKER
(TITLE)
(BUS.)
(CITY)
SUBJECT
10. DISCUSSION
11. MOTIONS
12. RESOLUTIONS
13. OTHER FEATURES
14. ADJOURNMENT

The November dinner meeting was held November 4, 1957, at the Ancore Restaurant. Meeting was called to order at 7:30 P.M. by President Ted Boothroyd. Total attendance was 31, including 4 guests.

First order of business was the introduction of guests and new members. Several announcements were made concerning coming events with emphasis on Chapter support of Engineers' Week. The program committee report by Hans Sommer was made announcing some of the plans for future speakers.

The drawing for the free meal was won by Mr. Bill Saggard.

Mr. George Moore introduced the speaker of the evening, Prof. J. W. Elmore of the staff of ASU at Tempe. Mr. Elmore told of the methods used to develop their two programs of construction business study. He explained that the electronic brain at ASU is in charge of this program but hasn't as yet told them how they are doing, electric failure being the reason for the delay. Mr. Elmore also introduced Mr. John I. Yellott and they discussed the design of the solar Energy House. The first five winning entries in their international design contest were shown.

Meeting adjourned at 9:45 P.M.

LIVING WITH THE SUN

Sixty outstanding designs for solar-heated houses, selected from those entered in the 1957 International Solar House Architectural Contest, will be published by the Association for Applied Solar Energy this month in Volume I of a two-volume set entitled Living with the Sun. Each original architect's drawing has been reproduced photographically in a 14-inch square page format, showing the perspective, floor plan, plot plan, and elevations for his design.

The interest of architects around the world was aroused this summer by the AFASE-sponsored competition and by the subsequent judging, which took place September 14-16 at the Grand Canyon. Five authorities in the architectural field formed the jury -- Dean Pietro Belluschi of the Massachusetts Institute of Technology; Carlos Contreras, Mexico City architect; Thomas H. Creighton, editor of Progressive Architecture; Nathaniel Owings, of Skidmore, Owings, and Merrill, San Francisco; James Elmore of Arizona State College at Tempe.

First prize in the contest was awarded to Peter R. Lee, a senior student in architecture at the University of Minnesota, Minneapolis. The four other prize winners were, in order: Mrs. Anna Campbell Bliss, Minneapolis; John N. Morphett and Hanford Yang, MIT; I. C. Christensen and Bent Windelov, Denmark; and Robert Pelletier and Hamilton Goody, Cambridge, Massachusetts.

James M. Hunter, F.A.I.A., of Boulder, Colorado, professional advisor for the competition, has contributed a preface to the book. The introduction provides a brief description of the scope and requirements of the Competition, and the final pages contain data on solar house heating and brief notes pointing out unusual or interesting features in each of the preceding designs. Comments of the jury are also included.

The Association's purpose in publishing Living with the Sun is to stimulate the use of solar heating, particularly in a desert region such as Arizona, by making architects, contractors, and homeowners aware of the diversity of house designs into which solar heating equipment can be integrated. Volume II of the set will be published in the fall of 1958, and will contain the proceedings of the Solar House Symposium which AFASE will hold in Phoenix next September. The solar house soon to be built at Sundown Ranch Estates, near Scottsdale, from the plans of first-prize winner Lee will be the highlight of this meeting.

Copies of Living with the Sun, Volume I, are now available from the AFASE office at 3424 North Central Avenue, Phoenix, Arizona.

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Society's Role in Legislative Matters

The society may not attempt to influence federal, state or local legislation by propaganda or otherwise.

The society, however, may:

Express the society's position editorially or by resolution concerning legislation concerning the sciences in which the society is legitimately interested.

Cooperate with administrative agencies for the purpose of promoting said sciences.

Make research reports available to governmental agencies as required.

Contribute to groups or organizations whose objects may be towards influencing legislation.

National News

At the fall meeting of the Council in Cleveland, October 12, the 1958 Society budget of \$707,000 was adopted.

There has been a change made in the Chapter Manual under "Duties of the Nominating Committee" which now reads:

1. A Nominating Committee shall select Candidates for Chapter Officers and Board of Governors from the eligible members and shall obtain in writing a statement from each:

- a. That he is a member in good standing in the Society.
- b. That he consents to stand for election.