A.S.H.E. ANNUAL CONFERENCE

The annual conference on Hospital Engineering will be held in Boston, Massachusetts on June 15 through June 18, 1976 at the Statler Hotel. It will be a three-track program with educational sessions that deal with technology as it applies generally to all three engineering disciplines and specifically to plant engineering, clinical engineering technology and tele-communications. The theme of the conference will be "Keeping Ahead of the Technology Explosion".

Sessions of general interest to all disciplines will include topics such as "Management By Objectives, Electro Magnetic Interference, Technical Reporting and Keeping Ahead of the Technology Explosion". Programs directed specifically towards plant engineering will consist of "The National Electric Code, Conservign Energy by Design, Comupertized Maintenance and Air Filtration".

Celebrated during this period of time will be the Thirteenth Anniversary of the American Society for Hospital Engineering. Other useful information about this conference is as follows:

General registration is on Monday, June 14 from 3:30 to 8:30 p.m.

Late registration will be provided on Tuesday, June 15 from 7:30 a.m.-8:45 a.m.

Sessions begin each day of the conference at 9:00 a.m.

Registration Fee for members is $127.50 and for non-members $160.00.

There will be special tours and events for spouses and families during the day hours of the conference.

The conference will conclude at 12:00 noon on Friday, June 18.

Your Board of Directors extend a warm invitation to all New England Hospital Engineers to attend this educational conference.

Let us make this program one of our special times during the Bicentennial Year.

William T. Doherty
Past President

LAWRENCE E. BARR
RHODE ISLAND STATE REPRESENTATIVE TO N.E.H.E.S.

Presently Mr. Barr is Manager, Electrical Operations and Design at Rhode Island Hospital, Providence, R.I. Started at R.I. Hospital in 1963 as Assistant Administrative Engineer to Everett Benoit (past president of N.E.H.E.S.).

Previous to coming to R.I. Hospital Larry was Plant Engineer at Walworth Company in Braintree, Mass. and at General Bronze Co. in No. Dighton, Mass. He was also an instructor in electricity at Taunton Vocational School for 15 years.

Larry holds Master Electrician and Journeyman'sLicenses in Massachusetts and Rhode Island as well as a Chief Engineer's License of the National Assoc. of Power Engineers.

In 1974, Larry was chairman of the Engineer's Section of the Hospital Assoc. of R.I.

His pet hobby is photography. He lives in Berkley, Mass. and has five children and six grandchildren.

SPRING SEMINAR OF 1976

NEHES, under President Andrew Triano's guidance, presented one of the most successful Spring Seminars to date with a record attendance of 135. The program encompassed the following timely subjects:

- Thomas Redding, Chief, Health Facilities Construction Section, covered the proposed physical plant regulation changes for the State of Connecticut and of his department's seeking assistance from the Connecticut Hospital Engineers Society, the Connecticut Hospital Association, the Connecticut Hospital Administrators, and several other interested groups.
- The Middlemac group from Mass. presented an engineering panel discussion which generated a gratifying number of questions.
- Through Don Kohler's good efforts NEHES returned to the New England Hosp. Assembly for this seminar and our program was listed as one presented by the allied group and instructional conferences.

NEHES Sec. Ralph Henry, Project Coordinator, Medical Ctr. Hosp. of Vermont, Burlington, Vt. has the distinction of taking our membership from 235 two years ago to a current record of 402 members.

D. KOHLER ON A.H.A. BOARD

Donald J. Kohler, Admin. Asst., Physical Plant, Bridgeport Hospital, Bridgeport, Conn. was appointed a member of the Sectional Committee on Medical-Surgical Vacuum Systems of the National Fire Protection Assoc. by the Board of Trustees of the A.H.A. This appointment is for one year beginning January 1, 1976 and expiring December 31, 1976.

LIFE SAFETY

Mr. David Elwing, Assistant Dir. for Life Safety, J.C.A.H., 875 No. Michigan Ave., Chicago, Ill. 60611, has been placed in charge of a new service. He has been appointed to deal with the problems in hospitals relating to the application of Life Safety Code. If you are having a problem in hour hospital with certain aspects of the new Life Safety Code, or with a question in regard to planning and construction, drop Mr. Elwing a line.
**A.S.H.E.**

In the early 1950's a group of hospital engineers attending A.H.A. institutes found that they not only benefited from the programs presented but found extremely valuable the opportunity to get together with other hospital engineers and exchange information about what the others were planning and doing.

Engineers from our New England states have been past presidents of ASHE. They have served on the various code committees, they have lectured and participated in all phases of ASHE programs.

They have contributed to "Hospital Engineering", ASHE's Newsletter and are responsible for major contributions to ASHE's Hospital Engineering Handbook.

ASHE is the oldest and largest affiliated group, however we are being challenged as to numbers. As of January, 1976, we note:

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<tr>
<td>Hosp. Engineers</td>
<td>1850</td>
</tr>
<tr>
<td>Hosp. Attorneys</td>
<td>1568</td>
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<td>1527</td>
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</table>

We need new members — this year the ASHE Annual Meeting will be held in Boston, June 14-18, 1976. Addressing our many new NEHES members, I say attend our ASHE Annual Meeting. ASHE will sell itself.

Special Note: If you are not an ASHE member and plan to attend the Annual Conference, you will send a check for $160.00. If you fill out the enclosed application and mail it along with your check for $160.00 and are accepted as a member, $32.50 of the $160.00 will be credited to you as your first annual dues.

If you are not an ASHE member and do not plan to attend our Annual Conference, fill out the application and mail it to the Chicago address listed, along with your check for $32.50.

In 1956, the first personal membership department was established for hospital engineers. In 1962, personal membership departments were designated "Societies" and were able to elect their own governing board and president.

There were requests for affiliation by local and regional groups and today there are 34 affiliated groups throughout the United States representing several thousand hospital engineers. Though only 25% of the eligible members in a group need to be members of ASHE in order to be affiliated, it is hoped that most of these engineers will eventually become members of ASHE.

If you are an ASHE member encourage anyone qualified to apply for membership.

Alexander J. Bender
Region #1 Representative

**NEWS FROM CONNECTICUT**

The Conn. Hosp. Eng. Society conducts an educational program for the membership at bi-monthly meetings in various hospitals in the State. The program usually consists of a business meeting and an educational program, followed by a tour of the host hospital facilities. The opportunity to visit and view the various physical plants has proven most beneficial in encouraging attendance for the educational program. The ability to see, discuss, and compare the problems of the "other" hospital is an education program in itself.

Commencing in September, 1975, with the Annual Meeting, Bridgeport Hospital, the following facilities were the site for various programs:

- **Waterbury Hospital**: Presentation of proposed codes and standards of the Dept. of Health regarding construction and alterations of hospitals by Thomas Redding, Chief of Health Facilities Construction Section, Connecticut State Department of Health.

- **Mt. Sinai Hospital**: Discussion and page-by-page review of the proposed codes and standards presented at previous meeting. A representative of the State Department of Health, a member of CHES, noted the comments and recommendations. Subsequent to the meeting, many changes were made in the proposed draft.

- **Middlesex Memorial Hospital**: Equipotential grounding; a subject which precipitated a lively discussion. Next Meeting: May at Lawrence and Memorial Hospital, the subject will be "Energy Conservation Through Lighting Management, and also Peak Demand Charges."

Donald J. Kohler
President, CHES
CHES Representative to NEHES

**NEWS FROM NEW HAMPSHIRE**

John Merchant, representative, states the following: "I feel we should set as our goal an increase in membership. One way of doing this would be for everyone who belongs to take a few minutes of his valuable time and personally make a call to someone he knows who does not belong. Tell him of the benefits you have received by belonging to this Society. There are many problems and answers that can be shared between us!"

Preparations are now being made for the Fall Seminar. Hopefully by then we will have a larger representation from New Hampshire with everyone's cooperation.

**ENERGY UPDATE**

**Petroleum** — Domestic oil production averaged 8.4 million barrels per day in 1975, down about 0.7 million barrels per day from the time of the embargo and down about 13 per cent from the 1970 peak. Imports of crude oil increased by almost 20 per cent last year.

**Natural Gas** — About 23.0 trillion cubic feet (tcf) of natural gas were produced in 1975 compared with 25.6 tcf in 1974. Curtailed has grown to about 3 tcf from 0.1 tcf in 1970.

**Coal** — Production increased 6 per cent from 1974, to 640 million tons in 1975.

**Nuclear Power** — The contribution of nuclear power to the generation of electricity increased to 8.5 per cent in 1975 from 6 per cent in 1974.

Fred MacInnis
Past President

**NEWS FROM VERMONT**

Congratulations are in order . . . Vermont has formed a new state society.

The Vermont members of the New England Hospital Engineer Society have deemed it timely to formalize a State Society of Hospital Engineers. At present, there is in every public hospital in the State of Vermont at least one member of the N.E.H.E.S. an affiliate of the American Society of Hospital Engineers of the American Hospital Association. In addition, the Society is represented in the State Department of Health, Department of Public Safety and the University of Vermont. Despite this variety and depth of representation, Vermont is the only state in New England without an association of hospital engineers, a professional component of the health care industry.

**FALL SEMINAR PLANS**

President Andrew Triano states progress is being made in planning our program for the Fall Seminar which will be held October 5, 6, 7, 8 at the Sheraton Regal Inn, Hyannis, Mass.

An excellent ladies' program is in the planning stages.

The educational format is being worked on by your Board of Directors and it will be a very exciting program.

We are also anticipating a very interesting program by your Past Presidents. All in all, it looks like a great annual meeting that no one will want to miss.
NEWS FROM MAINE

The Maine Hospital Engineers have been meeting on a monthly basis at various locations throughout the State from Portland, South to Bangor, North. The hospital engineer from the area where the monthly meeting is held is responsible for setting up the meeting and coordinating the program for the meeting. An annual schedule has been published and distributed as to the date and location of the monthly meeting.

The program, as well as a reminder of the meeting, has been sent out several weeks prior to the actual meeting date. The attendance has been improving every month with the group gathering consisting of 15 to 20 members.

One of the major topics of discussion has been the formalizing of the State of Maine Engineers as a Society with recognition as such from the Maine Hospital Association.

At the April meeting, to be held in Lewiston, Maine, a vote will be taken to formalize as the Maine Society of Hospital Engineers and if passed a committee will be appointed to propose a set of By-Laws and a structure of the organization. At the completion of the grueling paper work and leg work involved in this type of project, a request will be made to the Maine Hospital Association to become recognized by the Association as the Society of Hospital Engineers with the intent being to become the technical advisory group for the Association.

As a result of all the preliminary work that has been done as of this date the above goals shall be achieved by the latter part of May, 1976.

Several engineers in the State have stated an interest in membership in ASHE, including the writer. Applications have been requested and they will be distributed during the April meeting.

Ernest C. Park
State Representative

NEWS FROM MASSACHUSETTS

Report of South Shore Hospital Engineering Society:

The regular monthly meeting of the South Shore Hospital Engineering Society was held in the Conference Room of Russelllectric, Inc. of Hingham, Mass. on March 10, 1976.

A discussion was held on a membership campaign for the South Shore Hospitals and all engineers from this area are encouraged to join.

A few member hospitals recently inspected by the Joint Commission reported on the outcome. Inspectors seem to be concentrating very heavily on records, and as one engineer summed up, "if it is not on paper, you're not doing it." The business meeting adjourned at 1:00 p.m. at which time a fine catered luncheon was served, courtesy of Russelllectric.

A tour of the plant was conducted by the engineering division of the company and we watched all phases of the manufacturing of components, assembly and testing of the Russelllectric Automatic Transfer Switch gear. A completed unit built for the West Point Military Hospital was set up for our use and our attempts to fool equipment proved futile. A point worth noting is that Russelllectric has the only bypass system on automatic transfer gear that is U.L. approved, and in 1975, the state of California passed legislation making a bypass mandatory. We then returned to the conference room to attend a presentation on code requirements for hospitals.

Our thanks to Russelllectric for hosting a fine educational program.

Our next meeting will be held on April 14, 1976 and Sylvania Electronics will sponsor the educational program.

An invitation has been extended to President Andrew Triano and Treasurer James Gleason to attend the April meeting.

Paul Taylor
State Representative

NFPA No. 75B, Safe Use of Electricity in Patient Care Areas, is being reworked after its defeat last May through an effort spearheaded by AHA. A new document was scheduled to be voted on at the May 1976 meeting, but the vote has been postponed until the November 1976 meeting because of the number of public comments received. The latest draft of the new document has incorporated most, but not all, AHA demands. The scope of 75B has been narrowed to avoid conflicts with other NFPA standards relating to electricity in hospitals.

NFPA 56J, Combustible Solid Supplies, which was defeated last November through a campaign coordinated by AHA, is being redrafted. An AHA representative is now on the committee, and he reports some progress as a new document is prepared for a vote at the May 1977 meeting.

NFPA 101, Life Safety Code, 1976 edition, is being revised with AHA representatives providing input, and it is now scheduled for a vote at the November 1976 meeting.

NEWS FROM RHODE ISLAND

On March 17, 1976, a meeting of the Engineer's Section of the Hospital Association of Rhode Island was held at South County Hospital in Wakefield, Rhode Island.

During the business meeting, the following slate of officers was elected for the coming year:

Chairman — Joseph O'Brien, The Miriam Hospital.
Vice Chairman — Joseph Hanlon, St. Joseph's Hospital, Our Lady of Fatima Unit.
Sec./Treas. — Richard Angus, Rhode Island Hospital.
Representative to N.E.H.E.S. — Thomas McGarth, St. Joseph's Hospital.

A committee was appointed to review the Bylaws and make recommendations for updating. Also, a committee was appointed to plan for a clam bake for our Annual Meeting.

After the meeting a presentation was made by a representative of the Narragansett Electric Co. on the installation of a solar water heating system on the roof of South County Hospital. With the aid of slides and brochures, an account of the details involved in designing and constructing this system was reviewed. After the presentation the group toured the installation.

Lawrence E. Barr
State Representative
"WELCOME ABOARD"

Thomas A. Pucci
Asst. Plant Engineer
Gardiner General Hospital
Gardiner, Maine 04345

Norman A. Welch
General Supervisor
Cheshire Hospital
560 Court St.
Keene, N.H.

Dennis J. Tooan
Biomedical Engineer
St. Mary's Hospital
55 Franklin St.
Waterbury, Conn.

John J. Anderson, Jr.
Director of Plant Engineering
Peter Bent Brigham Hospital
721 Huntington Ave.
Boston, Mass.

Raymond J. Michaud
Supervisor
Lawrence General Hospital
Lawrence, Mass.

Frederick R. Lynch
Manager, Physical Plant
New England Medical Center Hospital
Boston, Mass.

John Patrick Dugan
Asst. Dir. Plant Operation
Milton Hospital
Milton, Mass.

Richard Louis Carron
Plant Engineer
Norwalk Hospital
Norwalk, Conn.

Melvin R. Christopher
Chief Maintenance Engineer
Nantucket Cottage Hospital
Nantucket, Mass.

Athanase O. Barre
Chief Engineer
Hubbard Regional Hospital
Webster, Mass.

Almond A. Osgood
Plant Manager
Chelsea Memorial Hospital
Chelsea, Mass.

John Vanderscoff
Chief Engineering Service
V.A. Hospital
Northampton, Mass.

William W. Davis
Dir. of Plant Operations
Norwood Hospital
Norwood, Mass.

Edward Tobin
Asst. Plant Manager
Norwood Hospital
Norwood, Mass.

Jack Beatty
Maintenance Superintendent
Rockville General Hospital
Rockville, Conn.

Charles Proctor
Maintenance Supervisor
Middlesex County Hospital
Waltham, Mass.

Leo Bernard
Maintenance Supervisor
Holden District Hospital
Holden, Mass.

Raymond H. Johnson
Asst. Div. Director of Physical Plant
Boston, Mass.

Alan Yeo
Plant Engineer
Brookline Hospital
Brookline, Mass.

Robert F. Johansen
Plant Superintendent
Brookline Hospital
Brookline, Mass.

Gabriel H. Wong
Asst. Plant Engineer
Peter Bent Brigham Hospital
721 Huntington Ave.
Boston, Mass.

Terry Church
Director of Plant Operations
St. Vincent's Medical Center
2820 Main St.
Bridgeport, Conn.

James Hodges
Asst. Chief Engineer
Kent County Memorial Hospital
Warwick, R.I.

Gordon Erwin Harthorne
Asst. Chief of Maintenance
Stephens Memorial Hospital
Norway, Maine

James B. Rourke
Chief of Maintenance
Shriners Burns Institute
Boston, Mass.

THE ENGINEERS' BOOKSHELF

"Solar Heating and Cooling" by Jan F. Kriedler and Frank Kreith; McGraw Hill Book Co. Good data and practical applications on this timely subject.

"Thermal Comfort" by P.O. Fanger, McGraw Hill Book Co. This book is recommended highly because of the data it contains on the thermal environment as it effects people.


SPECIAL INTEREST

For those of you who would like to carry your brains in the palm of your hand rather than between your ears — there are two books available.


Fred MacInnis
Past President

Learning:
11% Hearing
83% Seeing
6% Taste, Smell, Touch

Retention: 50%
20% Hearing
30% Seeing

NFPA No. 70, National Electrical Code, 1978 edition, is being revised with AHA input. A special report on its present status and the 10 issues involved is available from the AHA Department of Health Facilities and Standards. Telephone: (312) 645-9697.

The AHA will keep you advised as to further developments including any strategy needed at the NFPA annual meeting, May 17-20 in Houston, and the NFPA Fall meeting, November 15-18 in Cincinnati.

(Reference to Codes taken from Indiana Society for Hospital Engineers News.)

This Newsletter is the result of dedication and cooperation. Reports were received from all six New England States.

Your acting editorial staff comprised of three past presidents (Bender, Doherty, MacInnis) and our current president, Andy Triano. This staff met at the Newington Childrens Hospital on two separate evenings and in addition, all four contributed articles which were used in this issue. Our Vermont group (Lawson, Henry, Jones) should take credit for the printing and mailing. Al Bender is proud to say the woman behind this issue is his secretary, Mrs. Mary Williams.

DATE TO REMEMBER:
JUNE 15-18, 1976
A.S.H.E. ANNUAL CONFERENCE
I hereby make application for membership in the American Society for Hospital Engineering and submit the following required data for consideration.

(Please type or print)

NAME ______________________________________________________________

TITLE OR POSITION ____________________________________________________

EMPLOYING ORGANIZATION ____________________________________________

STREET ___________________________ CITY ________________________________

STATE ___________________________ ZIP CODE _____________________________ PHONE NO. __________________________

MAILING ADDRESS (if different from above)

STREET ___________________________ CITY ________________________________ STATE ___________________________ ZIP CODE _________________________

Primary Area of Responsibility (check one): Clinical Engineering Technology

Telecommunications Safety Engineering Dept. Management

Plant Other (indicate) ____________________________________________________

Are you a member of a local, regional or state engineering society? Yes____ No____

If yes, please indicate _________________________________________________

Would you like information concerning the nearest affiliated ASHE chapter? Yes____ No____

Of what other hospital and/or professional organizations are you a member? _____________________________________________________________

PRESENT RESPONSIBILITIES

Years in present position ___________________________ Number of employees supervised ___________________________

Hospital Bed Size ___________________________ Title of Immediate Supervisor ___________________________

Please describe primary work responsibilities______________________________________________________________

As a member, do you wish to receive a complimentary subscription to HOSPITALS, J.A.H.A.? Yes____ No____

$5 of the remittance made for any calendar year is for a subscription to HOSPITAL WEEK.
BIOGRAPHICAL INFORMATION

EDUCATIONAL BACKGROUND
A. Circle highest grade completed – 6 7 8 9 10 11 12 13 14 15 16 17+

B. College or university (dates and degrees)
1. 
2. 
3. 

C. Technical, Vocational or Service Schools (courses and class hours attended)
1. 
2. 
3. 

D. Other courses (indicate source, subject and approximate hours attended)
1. 
2. 
3. 

OTHER PRINCIPAL EXPERIENCE

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Articles published (titles, publications and approximate dates of publication)

The undersigned understands that:
1. Annual Dues are

2. Any individual admitted to membership prior to June 30 of any year shall pay dues for the entire calendar year; an individual admitted between June 30 and November 1 shall pay one-half of the annual dues; any individual who becomes a member after November 1 of any year shall pay dues only for the year commencing on the following January 1. Remittance of dues should accompany this application and checks made payable to American Hospital Association—American Society for Hospital Engineering.
3. The American Society for Hospital Engineering is a professional society devoted exclusively to the education, development, and expansion of skills and standards of engineering professions as performed in hospitals, related patient care institutions, government and voluntary health organizations.

SIGNATURE ___________________________ DATE ___________________________