ASSOCIATION OF ENERGY ENGINEERS®

NEW ENGLAND CHAPTER
P.O. Box 277
Everett, Massachusetts 02149

FEBRUARY MEETING ANNOUNCEMENT

DINNER MEETING NOTICE

DATE: Wednesday, February 7, 1990

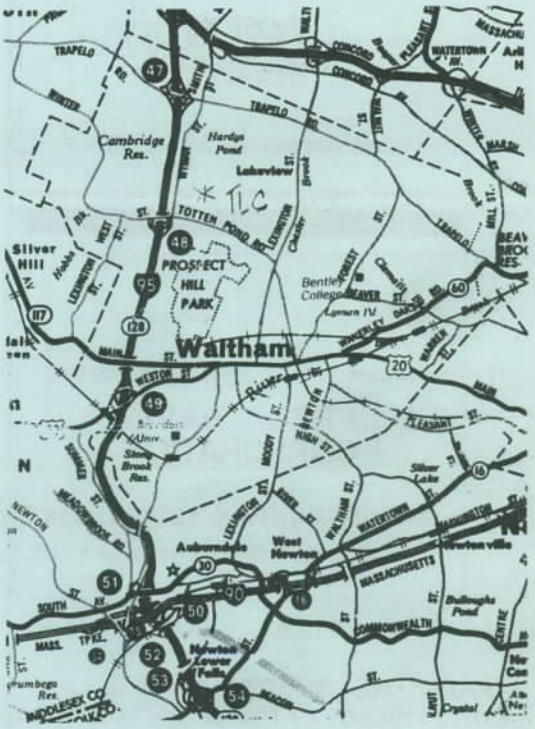
PLACE: Best Western, TLC
Exit 27A, Totten Pond Road, Rt. 128
Waltham, Massachusetts

SPEAKERS: Ms. Laura McGrath - Massachusetts Water Resources Authority, MWRA
Mr. Terry Ringer - Lahey Clinic

TOPIC: "Water Supply and Conservation"

TIME: 4:00 p.m. to 5:30 p.m. - Board Meeting
5:30 p.m. to 6:30 p.m. - Social Hour
6:30 p.m. to 7:30 p.m. - Dinner
7:30 p.m. to 8:30 p.m. - Program

COST: $20.00 per member w/reservation
$25.00 per guest/non-reserved member
$15.00 per student



RESERVATIONS: Please call Marybeth at (508)794-4433

ABOUT THE SPEAKERS:

Ms. McGrath is Conservation Coordinator, for the Demand Management Program of the Resource Conservation and Management Department of MWRA. Her presentation will include an overview of the history for the Eastern Massachusetts water supply as well as providing valuable information on how critical a natural resource, water, is in our economy. Ms. McGrath's presentation is sure to stimulate thought on water conservation which in many ways directly impacts energy consumption. Water and the energy used in its' treatment and transport is a valuable resource. Our industry should consider water conservation in the same context as energy conservation! (continued Page 2)

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ABOUT THE SPEAKERS:
(Continued from previous page)

Mr. Ringer is Director of Engineering and Maintenance at theLahey Clinic in Burlington, MA. The Hospital has experienced considerable increases in water consumption and water cost over the last few years. Mr. Ringer aggressively addressed these issues by developing and installing water recovery conservation techniques and equipment that have significantly reduced consumption. Mr. Ringer's case study of the Lahey Project is specific, quantitative and the results clearly demonstrate economic benefit.

Water Conservation
The Next Opportunity

While the last twenty years have clearly been an era of opportunity for industries and technologies to emerge and address the challenge of thermal and electrical conservation, what lies ahead for "Water Conservation"?

Clearly, the development of energy management systems has gone through several generations, each with its' current "state of the art" technology. How long did it take for the still maturing lighting conservation industry to get to where it is now? Does the same long process lie ahead for the water conservation industry?

Probably not, since the technologies available in our industry today to tackle the water conservation opportunity already exist and just need to be implemented.

Certainly, there are many methods of recycling water from once through cooling equipment. Also, there are countless ways to reduce water consumed by plumbing fixtures and pipe leaks. However, when you address the issue of controlling water evaporation from cooling towers and boiler blowdown, they are not quite that simple and definitely impact the thermal and electrical consumption of our facilities.

The area of water conservation is a natural outgrowth of our energy

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conservation industry. We as consultants, owners, vendors and policy setters should consider it our next significant opportunity. Without question, water conservation economics can in many cases improve the energy conservation economics on projects we wish to pursue.

Contributed by,
Edward T. Liston, P.E.

MARCH DINNER MEETING

The upcoming March Dinner meeting topic will be Energy Conservation. It will focus on technologies and applications for maximizing the efficiency of energy consuming systems. The meeting will feature a vendor product show to display and demonstrate several conservation technologies including central and de-centralized energy management systems (EMS), variable speed motor drives, fume hood controls and active/passive lighting energy conservation equipment.

Meeting speakers will address application and performance issues, the impact that implementation of displayed technologies will have on the regional energy picture in the future and their role in the success or failure of utility company Demand Side Management strategies.

ASSOCIATION OF ENERGY ENGINEERS

The New England Chapter would encourage all persons interested in joining AEE to fill out this slip and return it to the return mailing address listed below.

NAME: _____ TITLE: _____

COMPANY NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PLEASE PASS THIS ON TO **ANYONE** INTERESTED IN JOINING AEE.

NEW ENGLAND CHAPTER - ASSOCIATION OF ENERGY ENGINEERS

SCHEDULE OF UPCOMING EVENTS
SPRING 1990

Date: March 7, 1990
Topic: Energy Conservation
Energy Efficient Lighting, Variable Speed Drives, Energy Management Systems, Fume Hood Controllers
With a product display show

Date: April 4, 1990
Topic: Waste to Energy
Recycling

Date: May 9, 1990 - Spouses Night
Topic: Impact of New Harbor Tunnel and Central Artery Depression on Boston Utilities

Date: April 5, 1990
Topic: New England Energy Forum
Morning session: New England Utilities Presentation - Supply, Rates, Rebates
Afternoon session: Technical Applications Forum

Date: June - AEE National
Topic: 1990 Cogeneration & Independent Power Congress
Boston, MA

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