

# NEACHMM

## NEWS BYTES



December 2009  
Volume 7, Issue 2

VISIT OUR REDESIGNED WEBSITE @ [www.neachmm.com](http://www.neachmm.com)

*An Electronic Newsletter from the New England Chapter of the Academy of Certified Hazardous Materials Managers*

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### **Braintree Electric Light Department's Thomas A Watson Generating Station Power Plant, November 12, 2009 Membership Meeting & Tour.**

*By MaryEllen Doherty, CHMM & Matt Hackman, CHMM  
Photographs by Matt Hackman, CHMM*

The tour, lead by Tim Bedard (pictured to the right) with 12 NEACHMM members (pictured below at dinner) encompassed an overview of Watson Station, highlighting equipment and operational parameters and flexibility. After two years of studying the industry, evaluating technologies and filing for special legislation, Braintree Electric Light Department (BELD) received Town Meeting approval to move ahead with constructing a new power plant dedicated solely to providing supplemental power to the ISO New England grid. BELD staff coordinated production of a simple-cycle gas-fired power plant on land formerly occupied by the retired Potter I Generating Station on Potter Road.

The new power station consists of two Rolls-Royce Energy 58 MW 'Trent 60' gas turbines which are aero-derivative gas turbines with the highest simple cycle efficiency on the market. The gas turbines are dual fuel (natural gas and ultra-low sulfur diesel) and go from cold start to full power in under 10 minutes. They transmit electricity when called for by ISO New England based on a "market clearing" bidding

system, which allocates generating capacity to the lowest cost units.



ISO New England is responsible for the day-to-day reliable operation of

New England's bulk power generation system. It ensures there is adequate generation in the region capable of supplying the electricity necessary to reliably serve New England's businesses and households on a daily basis. ISO New England coordinates the dispatch of generating units to meet the expected demand of the system across the transmission grid. If the demand falls outside the expected amount needed for supply, peaking units such as BELD are called to operate. A daily bidding process takes place to determine who will be called. All generators called are paid at the "market clearing" price for the particular demand day, i.e. the price at which the highest cost selected producer bid.

Environmental management of the station consists of stormwater management units, oil pollution prevention techniques and plans, deionization, an air scrubber, and a continuous emissions monitoring system. After the tour, attendees re-adjourned at Gennero's Eatery in Quincy for food, drink and networking.

## 2010 AHMP Workshop

For further details on the Leadership Workshop, visit:

<http://www.achmm.org/leadership2010/home.php>

Sponsored By:



# 2010 AHMP Leadership Workshop

**April 8 and 9, 2010  
Hyatt Regency Cambridge  
Cambridge, Massachusetts**



NEACHMM will subsidize the cost to attend the workshop for any NEACHMM member in good standing and current on chapter dues. (Details to be forthcoming at our first General Membership / Annual Meeting for 2010.)

## Combustible Dust Presentation Explodes! Joint Meeting with ASSE

By MaryEllen Doherty, CHMM & Eric Jensen, CHMM

*"In continuing our efforts to have joint meetings with organizations of similar interest, NEACHMM and ASSE met on June 30, 2009."*

On June 3, 2009, NEACHMM joined the American Society of Safety Engineers (ASSE) Boston Chapter to listen to Dr. Erdem Ural talk about "An Introduction to Combustible Dust Hazards and OSHA NEP" at the Best Western in Waltham. Combustible dust hazards (fires and explosions) can lead to injuries, fatalities, property damage and business interruptions in facilities handling powders and bulk solids. Recently, OSHA initiated the Combustible Dust National Emphasis Program (NEP) to systematically inspect these facilities. Dr. Ural's presentation provided an overview of combustible dust hazards, OSHA NEP, and modern methods used for hazard identification and hazard mitigation. Actual photos of pre-planned dust explosion tests showed insight to the mechanics of destruction and the elements of explosion measurements. A review of pertinent terms and applicable regulations was discussed along with some of the discrepancies associated with the regulations. Test methods were discussed and photos of testing apparatus were viewed.

The key interest in this topic was the infancy of regulations regarding combustible dust. A recent article (May 2009) issued by OSHA, stated the following: OSHA is moving to address combustible dust. The agency has announced that it is issuing an Advanced Notice of Proposed Rulemaking and is planning to conduct stakeholder

meetings. Through this process, OSHA will evaluate possible regulatory methods and request data and comments on issues related to combustible dust. Since 1980, more than 130 workers have been killed and more than 780 injured in combustible dust explosions. In 2006, the U.S. Chemical Safety Board (CSB) recommended that OSHA issue a combustible dust standard. OSHA received additional support for a combustible dust standard from the CSB during a congressional hearing in 2008 when the board said a new standard, combined with enforcement and education, could save workers' lives. "Over the years, combustible dust explosions have caused many deaths and devastating injuries that could have been prevented," said Secretary of Labor Hilda L. Solis. "OSHA is reinvigorating the regulatory process to ensure workers receive the protection they need while also ensuring that employers have the tools needed to make their workplaces safer."

NEACHMM was truly privileged to have a speaker such as Dr. Ural to speak on this timely topic. His vast knowledge provided a fascinating and relevant discussion on the many aspects of Combustible Dust. Dr. Ural's background, as presented in the following, provides some further insight into the extent of his discussion. Dr. Ural is a well known combustible dust expert with over 25 years of experience. He has worked

on research, litigation, insurance, protection, testing and regulation aspects of combustible dust problems. Dr. Ural is twice the recipient of the Bill Doyle Award for the best paper presentation at the Loss Prevention Symposium. He published numerous papers in his field and has been active on a number of national and international committees. He is the chairperson of ASTM subcommittee for Flammability and Ignitability of Chemicals, vice-chair of ASTM committee for Hazard Potential of Chemicals, and is an active member of the NFPA 68 - NFPA 69 committee for Explosion Protection Systems, and NFPA 654 - NFPA 664 committee for Handling and Conveying of Dusts, Vapors, and Gases. He serves on the Editorial Board of Process Safety Progress, and the Editorial Board of the Journal of Loss Prevention in the Process Industries. He is an author of the Explosion Prevention and Protection chapter of the NFPA Handbook of Fire Protection.

The meeting attendees were captivated by Dr. Ural's knowledge on the topic, his stimulating audiovisual presentation, and his witty commentary. We are very grateful to have had such an expert present for our June meeting.



Alliance of Hazardous Materials Professionals™

# AHMP 2010 National Conference

*Where All EHS&S Disciplines Connect*

SEPTEMBER 12 - 15, 2010

THE WESTIN PEACHTREE PLAZA  
ATLANTA, GEORGIA

***Congratulations to MaryEllen Doherty who received a "Champions of Excellence" Award at the 2009 National Conference in San Diego! NEACHMM was also recognized for its 15 Year Chapter Anniversary.***

## NEACHMM Sends Two Delegate's to the National Conference – San Diego

NEACHMM sent Eric Jensen, our current Vice-President/President-Elec and Tracey Costa as our delegates to the 2009 ACHMM National Conference on August 30 – September 2 in San Diego, CA. The Conference was held at the Sheraton San Diego Hotel & Marina. Following is a summary of Eric's report on the event.

By Eric Jensen, CHMM & Michael D. Maheux, CHMM

### ❖ E. JENSEN GENERAL NOTES AND COMMENTS REGARDING THE 2009 NATIONAL CONFERENCE:

I found that the Technical Sessions I attended this year were excellent. Although the topics seemed to be all across the board, with no particular singular focus, the technical sessions that I attended were better than those in previous years.

It was reported that Conference attendance this year was nearly the same as last year (I believe the number was around 8,000). There were several remarks from National Level officers, and others, that this was a significant achievement, given the current economy. Many individuals mentioned that they had attended other conventions (i.e., ASSE, AIHA, etc.), and attendance was down significantly. This seems to speak to the interest and enthusiasm that members have for the National Conference. It seemed that even for the closing presentations on the last day that these were very well attended.

I ran into many folks I've met at previous conferences, and met many new individuals, and there were a lot of good ideas brought up during conversations.

I was afforded the unique opportunity of attending a behind-the-scenes tour of Sea World, San Diego. The EHS director was unbelievably focused and in tune with the complete operation of the park, and the tour was quite interesting. The operational end of the park was only a few acres (approximately 3 acres), with the total park area of nearly 80 acres. It was remarkably compact, and impeccably maintained. We were shown the OHM staging areas, water pumping / filtration / treatment process, and provided a detailed presentation of the facility operations. It seemed to be one of the most streamlined, and efficient operations I've had the opportunity to view.

One of the two most notable keynote speakers for the National Conference was Joe Garcia, President of the National Congress of American Indians, who gave a very thoughtful and thought-provoking talk on Sustainability within Tribal Lands, which focused on the difficult path of Native Americans, and how to find solutions to all things with "spirituality, culture, and diversity" by "focusing on Faith, Hope, Love, Hard Work, and Respect."

The other very notable discussion was presented by Michael D. Brown, former Director of FEMA, during Hurricane Katrina. He provided some insight into the local/state/federal disconnects that occurred during the hurricane, and gave a very motivational discussion on how to get more involved in your local community, with the notable quote, "commit to doing what you do a little better, a little smarter, knowing what you're trying to do is right." He also had the following notable remarks: "You cannot separate the path between preparedness and response"; and, "We owe our first responders that we will do our best to take responsibility for ourselves." Mr. Brown took many questions, answering in a very direct manner from his heart, including direct responses to some very political questions. It was quite an impressive discussion.

During the conference, I had the opportunity to meet the Professional Development Committee Chairman for the Jacksonville, Florida area Chapter (Scott D. Stover, Mayport Naval Station, Environmental Program Manager, cell 904.591.8455, email scott.d.stover@navy.mil), and we exchanged ideas. One really interesting thing their group is doing is offering service to the Jacksonville Zoo, in an outreach program, whereby they assist with management of their hazardous materials and waste management. This was spurred by a behind-the-scenes tour their Chapter took of the zoo. During that tour, several members noted that the zoo clearly needed some guidance as to how to manage their waste streams and OHM staging areas. I would like to see if NEACHMM could look into something similar in our region – it's definitely food for thought in the community outreach realm. They've also done tours of some of the major rail yards in the region, as well as foundries. This has provided impetus for some ideas for facility tours, which I'd like to evaluate, including:

- 6-Flags Amusement Park
- Seabrook Nuclear Power Plant
- New England Aquarium
- Blue Hills Zoo
- CSX Rail Yard Boston
- Burlington Northern Rail Yard
- Potential Foundries in the region

If anyone on the NEACHMM BOD or within NEACHMM has any contacts at these, or similar facilities, please let me know, as we are always in search of interesting facility tours.

Once again, I have to say that the AHMP National Conference is an excellent learning and networking opportunities, as you meet many individuals with a vast and diverse background – most of whom seem to be really excited about what they do, and very interested in sharing what they know and are doing, both on the professional level, and at the leadership level.

Eric's full report will be posted on the [NEACHMM](#) web site, but below is one note of interest regarding recertification points.

- **IMPORTANT REGARDING RECERTIFICATION CMP's:**  
**IHMM is looking into establishing standard maintenance Points toward credential maintenance for LEADERSHIP AND COMMUNITY ROLES (I.E. CHAPTER BOD ACTIVITIES, AND CHMMUNITY TYPE ACTIVITIES). THERE IS A NEWLY FORMED COMMITTEE TO MAKE RECOMMENDATIONS FOR ESTABLISHING CMPs FOR THESE ROLES**

Tracey's report will also be posted on the NEACHMM website.

# USS Midway – Emergency Response Exercise

September 2, 2009 – AHMP National Conference

By Michael D. Maheux, CHMM

After enjoying lunch on board the flight deck of the aircraft carrier USS Midway, emergency response attendee's were briefed on the scenario to be presented. The USS Midway is a floating naval history museum permanently docked in San Diego. The emergency response scenario (ERS) involved unidentified assailants boarding the ship, taking hostages and placing a one-ton chlorine cylinder on the flight deck and threatening to remotely detonate the cylinder through the use of an attached homemade explosive device or HMED. The prevailing winds on this day were blowing directly into downtown San Diego. The ERS on the flight deck, picked up after the assailants had been neutralized and the hostages rescued, dealt with deactivating the HMED and securing the chlorine cylinder while maintaining the safety of emergency responders as well as the general public. Attendee's observed a cooperative effort between multiple city, county and state emergency responders. The response team consisted of members of the San Diego Fire Department's Special Operations Group – SDFD-SOG, HazMat Team and Bomb Squad. Also involved were members of the county Sheriff Department's Bomb Squad as well as the Department of Environmental Health and the County HazMat Team. (It was noted

at the beginning of the exercise that the participating teams were short-handed due to the involvement of their personnel in the battling of wildfires just to the northeast of the city.)

A remotely controlled robot was utilized to analyze the immediate proximity of the chlorine cylinder for potential chemical or biological hazards before any response personnel were allowed to approach the device. Once deemed safe to approach, the bomb squad set-up a device to physically disarm the HMED rendering it inoperative. A team of hazmat responders then approached to secure the chlorine cylinder and render it safe for removal. After the securing of the chlorine cylinder, attendees went down to the command center safely situated outside of the hot zone to observe and discuss the operations with team leaders from each participating agency. At the completion of the ERS, attendees were afforded the opportunity for a quick self-guided tour of the USS Midway. This was an excellent way to conclude a very interesting and educational day's activities.

HazMat Robot



Disarming the HMED via explosive charge



HazMat Team securing the leaking chlorine cylinder





## Year-End Technical Presentation & Social Event "Welcome to the 21st Century - Introduction to Electronic Social Networking for Professionals - Blogging, Twittering, and Linking into the Web"

*By MaryEllen Doherty, CHMM & Michael D. Maheux, CHMM*

On December 10<sup>th</sup>, approximately 30 members and guests met at the Solea Restaurant & Tapas Bar in Waltham for some face-to-face networking and Holiday celebration during the final general membership meeting and technical presentation for 2009. Ms. Susan Eaton joined us with a delightful and jolting presentation on three of the main social media outlets. An explanation along with the benefits and drawbacks of LinkedIN, Twitter, and Facebook were discussed. She told us about several success stories where individuals and companies made deals and money

through social networking. Creating a winning strategy to build and maintain a community was discussed for each network. The evenings presentation was a very interactive affair as several attendee's shared their experiences and stories dealing with electronic social networking. Website references, books and other social networking sites were also reviewed.

Susan M. Eaton, CPA is an Accounting and Business Consultant who has focused her career with assisting small businesses in the eastern Massachusetts and southern New

Hampshire areas. Realizing the impact social networking on the Internet could have on her client's customer base and profitability, Susan has incorporated a review of her client's social networking efforts as part of her consulting practice. She has taught workshops on social networking for businesses and non-profit organizations at Manchester Community College, with additional workshops scheduled for early 2010.

## NEACHMM Standing Committees – 2010

Public Relations & Marketing	Open Position
Government Affairs	Open Position
Professional Development	Matt Hackman <a href="mailto:matthew-e-hackman@cox.net">matthew-e-hackman@cox.net</a> Matt Montefusco <a href="mailto:oecs@comcast.net">oecs@comcast.net</a>
Membership	Tracey Costa <a href="mailto:tcosta@nobisengineering.com">tcosta@nobisengineering.com</a>
Certification Review Course	Kelly Camp <a href="mailto:kcamp@woodardcurran.com">kcamp@woodardcurran.com</a>
Web Site	Mike Maheux <a href="mailto:Mike.Maheux@lenoxtools.com">Mike.Maheux@lenoxtools.com</a>
Newsletter	Open Position

## Tentative 2010 NEACHMM Schedule\*\*\*

January 11	Board of Directors Meeting
February 24	General Membership Meeting #1 – Annual Meeting; Best Western, Waltham
February 8	Board of Directors Meeting
March 8	Board of Directors Meeting
March 11	General Membership Meeting #2 – Best Western, Waltham
April 8 & 9	ACHMM Leadership Workshop – Cambridge, MA
TBD	CHMM Review Course Waltham, MA
April 12	Board of Directors Meeting
April 29	General Membership Meeting #3; Best Western, Waltham
May 10	Board of Directors Meeting
June ~10	ASSE Joint Meeting #4
June 14	Board of Directors Meeting
September 12 - 15	AHMP National Conference – Atlanta, GA
September 6	Board of Directors Meeting
September ~9	NEAIHA Joint Meeting #5 - TBD
October 11	Board of Directors Meeting
October ~14	Tour - TBD
November 8	Board of Directors Meeting
November ~18	General Membership Meeting #6 & Year-end Social - TBD
December 13	Board of Directors Meeting

\*\*\* Board of Directors Meetings are held at Woodard and Curran in Dedham, MA., or via conference call.

General Membership Meeting Locations are TBD. See [www.neachmm.com](http://www.neachmm.com) for latest information

## 2010 NEACHMM Election Results

*Michael D. Maheux, CHMM*



Vice-President / President Elect - Mike Maheux

Secretary - Hugh Willis

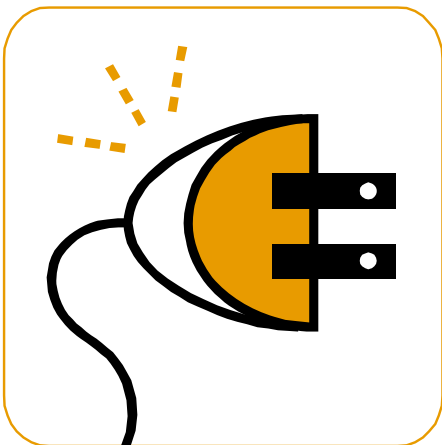
Director-at-Large – Matt Hackman

Director-at-Large - Tracey Costa

Director-at-Large - Matt Montefusco

Director-at-Large - MaryEllen Doherty

## 2010 NEACHMM Board of Directors



President *	Gail Hall 1/1/10 – 6/30/10 <a href="mailto:gail.hall@bc.edu">gail.hall@bc.edu</a> Mike Maheux 7/1/10 – 12/31/10 <a href="mailto:Mike.Maheux@lenoxtools.com">Mike.Maheux@lenoxtools.com</a>
Vice-President / President-Elect	Mike Maheux <a href="mailto:Mike.Maheux@lenoxtools.com">Mike.Maheux@lenoxtools.com</a>
Secretary	Hugh Willis <a href="mailto:Hugh.Willis@comcast.net">Hugh.Willis@comcast.net</a>
Treasurer	Jim Harrison <a href="mailto:james.harrison2@baesystems.com">james.harrison2@baesystems.com</a>
Immediate Past President	Gail Hall <a href="mailto:gail.hall@bc.edu">gail.hall@bc.edu</a>
Director-at-Large	Matt Hackman <a href="mailto:matthew-e-hackman@cox.net">matthew-e-hackman@cox.net</a>
Director-at-Large	MaryEllen Doherty <a href="mailto:Maryellen.Doherty@macomtech.com">Maryellen.Doherty@macomtech.com</a>
Director-at-Large	Tracey Costa <a href="mailto:tcosta@nobisengineering.com">tcosta@nobisengineering.com</a>
Director-at-Large	Matt Montefusco <a href="mailto:oecs@comcast.net">oecs@comcast.net</a>

\*Our 2010 incoming President, Eric Jensen has been afforded the opportunity to pursue a new career path and will unfortunately be unable to complete his term as VP/President elect for 2009-2010. Per Article VI of the Chapter By-Laws regarding officer vacancies, the Board of Directors has appointed Immediate Past President Gail Hall & 2010-2011 elected VP/President Mike Maheux to work together and split the remainder of Eric's term . Mike will continue into his elected position in 2011 with regular elections in November 2010 to fill positions up for election. Congratulations Eric on your new endeavors and good luck.

## About NEACHMM

NEACHMM is a nonprofit organization, residing in the state of Massachusetts. The Chapter includes members from the states of Maine, Massachusetts, New Hampshire, Rhode Island and Vermont. The Chapter is considered a local chapter of the

Alliance of Hazardous Materials Professionals (AHMP), which is located in Maryland.

As an AHMP chapter, we are organized to provide CHMMs and other members with an environment fostering professional development through continuing education, peer-group interaction, and exchange

of ideas and information relating to hazardous materials management.

## NEACHMM MISSION

The Chapter's mission is to provide a balanced program for its members in the following five areas:

- Environmental, Health and Safety
- Regulatory Compliance and Policy
- Science and Technology
- Hazardous Materials Handling, Emergency Response and Remediation
- Strategic Environmental Management

This mission is fulfilled by:

- Professional recognition of CHMMs.
- Providing, promoting, and encouraging continuing education to achieve and maintain certification and to document Chapter-recognized related training.
- Providing a forum for information exchange among peers to promote qualified environmental decision making.
- Broadening the CHMM scope and understanding of prudent hazardous materials management, in the interest of protecting human health and the environment.
- Increasing knowledge and experience related to new technologies, government regulations and community.

