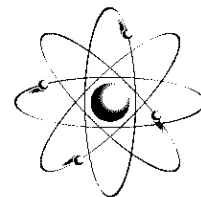




N.E.R.H.C.

NEW ENGLAND RADIOLOGICAL HEALTH CONFERENCE



2016 Annual Meeting

September 30, 2016

Dear Radiation Professionals and Interested Colleagues:

Please join us for the 47th Annual Meeting of the New England Radiological Health Committee (NERHC), which will be held at the Holiday Inn in Tewksbury, Massachusetts Monday November 14 through Friday November 18, 2016. Here are some highlights of our agenda:

- ✚ Sandia National Laboratory Assessment Scientist training. A three-day course that certifies you as an Assessment Scientist, and provides great skills for radiological and nuclear emergency consequence management. This will be on Monday, Tuesday and Wednesday. Limited seating. Preference is given to NERHC members and EPA.
- ✚ Presentations Thursday and Friday on some of the most interesting radiological issues of our times.
- ✚ A social on Wednesday night in the Hotel's Victoria's English Pub.

Details about some of these activities are on the remaining pages, with the full agenda and registration form following.

We are also very pleased to invite members of **the New England Chapter of the Health Physics Society**.

Our conferences generate serious interest from some great vendors, too. They will be there with us all week, and we hope you will find some useful gear and guidance meeting them.

Please make your hotel reservations before October 24 at the Holiday Inn (800-315-2621). Reference the Commonwealth of Massachusetts to get the \$147.00 government room rate. You can check the hotel out at:

https://www.ihg.com/holidayinn/hotels/us/en/tewksbury/andma/hoteldetail?cm_mmc=GoogleMaps--HI--USA--ANDMA.

I hope to see you in November!

Sincerely,

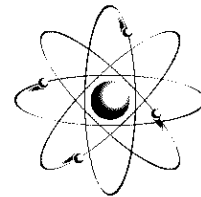
Jack Priest, Massachusetts Radiation Control Program Director
Host State Representative, New England Radiological Health Committee

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NEW ENGLAND RADIOLOGICAL HEALTH CONFERENCE



2016 Annual Meeting

Special Session Description

The banner features the Turbo FRMAC logo on the left, a circular logo with 'STATE', 'LOCAL', 'TRIBAL', and 'FEDERAL' sectors on the right, and three images at the bottom: 'Nuclear Power' (reactor cooling towers), 'Transportation' (a train accident), and 'Dispersal' (a nuclear mushroom cloud).



The Turbo FRMAC analysis tool performs complex calculations to quickly evaluate radiological hazards during an emergency response by assessing impacts to the public, workers, and the food supply. Turbo FRMAC can be used to evaluate the hazard from a wide variety of radiological incidents, such as:

- Radiological Dispersal Devices (RDDs)
- Nuclear Power Plant Emergencies
- Fuel Handling Accidents
- Transportation Accidents
- Nuclear Detonations

Turbo FRMAC calculations are based on methods established by the Federal Radiological Monitoring and Assessment Center (FRMAC). These interagency consensus methods are specified in the FRMAC Assessment Manual. FRMAC is a

multi-agency group made up of radiological experts from U.S. Federal and State stakeholders, including:

- Department of Energy /National Nuclear Security Administration
- Department of Homeland Security
- Environment Protection Agency
- Department of Agriculture
- Food and Drug Administration
- Department of Defense
- Centers for Disease Control and Prevention

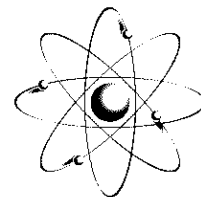


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2016 Annual Meeting

Special Session Description

nirp.sandia.gov

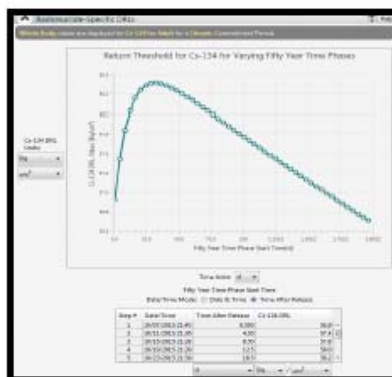
Turbo FRMAC evaluations can be used to support Protective Action Decisions, such as:

- What field measurements would indicate that a Protective Action is warranted?
- Should a population be sheltered, evacuated or relocated?
- When can a relocated population return home?
- Might a food crop in an area need to be considered for removal from commerce?
- When can a crop be planted so as to not exceed food contamination guidelines.
- Should livestock be placed on stored feed?
- How long can a worker remain in a contaminated area?

- Radionuclide Viewer provides ICRP 30- and ICRP 60-based radiological data such as dose coefficients and decay chain information for over 1200 radionuclides.
- Mixture manager allows users to create, share, and store radionuclide mixtures for future use as well as being preloaded with a wide variety of default mixtures for various release scenarios.



Turbo FRMAC is pre-populated with default settings for many of the required calculation inputs. However, settings can be customized based on specific situations or regulations. The Turbo FRMAC Software suite includes the Radionuclide Viewer and Mixture Manager tools.



Sandia National Laboratories leads the development of Turbo FRMAC for the Department of Energy/National Nuclear Security Administration's Emergency Response Program.

Turbo FRMAC is available to the international emergency response community upon request through Sandia National Laboratories' Nuclear Incident Response Program at: <https://nirp.sandia.gov>

For more information please contact:
Brian Hunt, CHP
E-mail: bhunt@sandia.gov
Phone: 1 (505) 845-7490

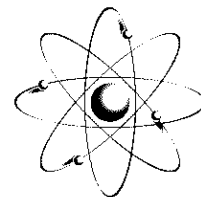


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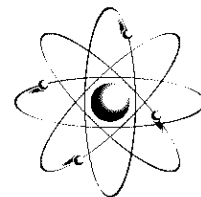


THE 47TH ANNUAL MEETING THURSDAY, NOVEMBER 17, 2016

- 8:30-9:00 Lessons Learned in Radiological Emergency Response at Keene High School
Richard Dresios and Augustinius Ong, NH DHHS
- 9:00-9:30 The EPA National Center for Radiation Field Operations
Ed Wilds, Ph.D., US Environmental Protection Agency
- 9:30-10:00 Nuclear Security: Insider Threats and Materials Outside Regulatory Control
Sukesh Aghara, Ph.D., University of Massachusetts Lowell
- 10:00-10:45 Break – Refreshments in Vendor Room (Louis XIV Room)
- 10:45-11:15 The Nuclear Flex Strategy & Non-NPP Emergency Plans
Jeff Semancik, Connecticut Dept. of Energy and Environmental Protection
- 11:15-12:00 SS Mont Blanc Explosion in Halifax: a 3 KT Model for Nuclear Blast Effects
Gregory Banner, MS, CEM; US Dept. of Health & Human Services
- 12:00-1:00 Lunch on your Own
- 1:00 – 1:30 United Nuclear Corporation Remediation
Michael Firsick, Connecticut Dept. of Energy and Environmental Protection
- 1:30 – 2:00 Portable Gamma Spectrometer for Rad/Nuc Emergencies
Cong Wei, Ph.D., US Food and Drug Administration
- 2:00-2:30 Break – Refreshments In Vendor Room (Louis XIV Room)
- 2:30-3:00 Web-Based Licensing – New Hampshire’s Experiences Taking it On
Richard Locke, New Hampshire Dept. of Health and Human Services
- 3:00-3:30 The Nationwide Evaluation of X-Ray Trends
Karen Farris, Massachusetts Dept. of Public Health, CRCPD
- 3:30 – 4:15 Radiological Operations Support Specialist – Certified HP Emergency SMEs
William Irwin, Sc.D., CHP, Vermont Dept. of Health, CRCPD
- 4:15-5:00 Vendor Product and Service Highlights
The NERHC Vendors Describe Their New Product Lines



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NEW ENGLAND RADIOLOGICAL HEALTH CONFERENCE

THE 47TH ANNUAL MEETING FRIDAY – NOVEMBER 18, 2016

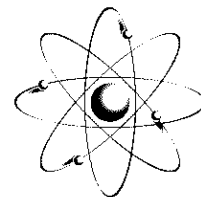
- 8:30-8:50 Point LePreau Nuclear Plant Exercise & Other Maine Issues
Jay Hyland, PE, Maine Centers for Disease Control
- 8:50-9:10 Agreement State, Decommissioning, Preventive Rad/Nuc Detection & Other
Vermont Issues
William Irwin, Sc.D., CHP, Vermont Dept. of Health
- 9:10-9:30 Rad Emergency Response Plan to Emergency Management & Other NH Issues
Augustinius Ong, NH Dept. of Health and Human Services
- 9:30-9:50 New Staff, New Energy & Other Rhode Island Issues
Charma Waring, Rhode Island Dept. of Health
- 9:50-10:30 Break – Refreshments with the Vendors (Louis XIV Room)
- 10:30-10:50 Discrete Radium, Secure the Cities, Millstone & Other CT Issues
Jeffery Semancik
- 10:50-11:10 Pilgrim NPP Exercise, Possible Shutdown & Other Massachusetts Issues
Jack Priest, Massachusetts Dpet. Of Public Health
- 11:10-11:50 FDA, FEMA, EPA, CDC & Other Federal Agency Issues
- 11:50-12:00 Closing Comments and Adjournment

**Please make your hotel reservations before October 24 at the
Holiday Inn (800-315-2621).**



N.E.R.H.C.

NEW ENGLAND RADIOLOGICAL HEALTH CONFERENCE



2016 Annual Meeting Registration Form & Fees

Name (to appear on a name tag):	
Representing:	
Street:	
City:	
State and Zip:	
Phone:	
E-mail:	

Please make your hotel reservations before October 24 at the Holiday Inn (800-315-2621).

Full Conference Fee

Monday-Friday, November 14-18: **\$175.00** \$ _____

Includes Wednesday night social – please check this box if attending the social

Partial Conference Fees

November 14-16 Assessment Scientist Training: **\$75.00** \$ _____

Limited seating. Priority to NERHC members and EPA

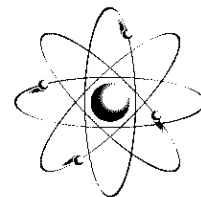
Thursday, November 17: **\$50.00** \$ _____

Friday, November 18: **\$50.00** \$ _____

Total fees due: \$



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N.E.R.H.C.

NEW ENGLAND RADIOLOGICAL HEALTH CONFERENCE

2016 Annual Meeting

Registration and Payment Instructions

Please send registration by fax or scan to Bill Irwin, Vermont Department of Health,
William.irwin@vermont.gov or 802-865-7745.

Registering early helps us plan better!

Fees may be paid by check or cash at the Conference Registration Desk Monday through Friday, November 14 to 18. Checks may also be sent, prior to the conference to:

William Irwin, Sc.D., CHP
663 Kings Hill Road
Bakersfield, VT 05441

Please make checks payable to William Irwin, NERHC Treasurer.

Please note on check in memo space - "2016 NERHC Conference".

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