



National Radiological Emergency Preparedness Conference, Inc.

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www.nationalrep.org

21st Annual Conference Orlando, Florida; April 18 – 21, 2011

CALL FOR PRESENTATIONS

The Steering Committee of the National Radiological Emergency Preparedness (NREP) Conference, Inc. is seeking presentations for the 21st annual Conference. *"The Mission of the National Radiological Emergency Preparedness Conference, Inc. is to provide a professional forum for individuals involved with radiological emergency preparedness programs to gather in the spirit of continuous self-improvement to share program experiences, develop solutions to common challenges, and create innovative planning, exercising and training methodologies."* Conference attendees typically represent local, state and federal government agencies and the nuclear power industry.

The emphasis of the 2011 Conference program will be on a higher number of **training opportunities**, on matters directly or closely **related to radiological emergency preparedness**, that will benefit primarily the State and local government organizations; **the areas** of training include, but are not limited to, **implementation** (vs. discussion) of new or updated federal guidelines and/or requirements, **application** of new or updated methodologies, processes and procedures, and new technology (such as new radiation instruments), **enhancements** in processing of environmental samples, personnel monitoring and decontamination, medical response to contaminated individuals, etc.

SUGGESTED TOPIC AREAS:

♦ Federal REP Activities – Issues and Recent Initiatives ♦ Nuclear Industry REP Activities – Issues and Recent Initiatives ♦ New Reactor Licensing / Advance Reactors ♦ State and Local Government Issues in REP ♦ Impact of Federal Regulations and Guidance on Emergency Preparedness ♦ Radiological Terrorism ♦ Real Events – Their Impact and Lessons Learned ♦ Training and Exercises – Lessons Learned ♦ Monitoring, Sampling and Assessment ♦ Decommissioning and Emergency Preparedness ♦ High-Level Radioactive Waste Disposal and Emergency Preparedness ♦ Transportation of Radioactive Materials ♦ Radioprotective Drugs (e.g., Potassium Iodide (KI)) – Current Efforts and Update ♦ Health, Social and Psychological Impact Following an Emergency ♦ Emergency Workers Protection ♦ New Technological Applications in REP ♦ Innovative REP Planning ♦ REP International Issues and Recent Initiatives ♦ Open Issues in REP – Proposed Solutions

If you are interested in making a presentation on one (or related to one) of the above topics, **please submit online (use link at the end of this announcement), by midnight of DECEMBER 5, 2010, the following:**

An **ABSTRACT** (not to exceed 2500 characters including spaces) of your proposed presentation **along with a short, one-paragraph BIOGRAPHY** of the author(s) (not to exceed 1500 characters including spaces per biography)
(see below a Sample Abstract with Short Bios)

[NOTE: Submittal of an abstract is not a guarantee for acceptance. Abstracts will be reviewed by the Program Subcommittee for acceptance. Authors will be duly notified of the decision on acceptance]

- ♦ **Word Processor:** Microsoft Word, or PDF
- ♦ **Format:**
 - **Margins** - Top 1", Bottom 1", Left 1", Right 1"
 - **Abstract Title - Font** - Arial 11 point, UPPER CASE (CAPITAL), Center of Page
Skip one line after Title
 - **Author(s)** (include phone no. & e-mail address) - **Font** - Arial 11 point, Mixed Case, Center of Page
(If multiple authors, use a separate line for each author)
Skip two lines after Author(s)
 - **Text of Abstract - Font** - Arial 11 point, Single Space, One Column, Left Justified

Sample Abstract with Short Bios:

THE EVOLUTION OF FRMAC: FOCUSING ON THE FUTURE

Colleen O'Laughlin (DOE) (OLaughlin@nv.doe.gov) (702) 630-0203
Dr. John Nasstrom (DOE/NARAC) (jnasstrom@llnl.gov) (925) 423-6738
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Thomas Laiche (DOE/SNL) (tlaich@sandia.gov) (505) 845-3066

Abstract:

FRMAC was born out of circumstances 25 years ago when 17 federal agencies descended on the states with good intention during the Three-Mile Island nuclear power plant incident. At that time it quickly became evident that a better way was needed to support state and local governments in their time of emergency and recovery process. FRMAC's single voice of Federal support coordinates the multiple agencies that respond to a radiological event. Over the years, FRMAC has exercised, evaluated, and honed its ability to quickly respond to the needs of our communities. As the times have changed, FRMAC has expanded its focus from nuclear power plant incidents, to threats of a terrorist radiological dispersal device (RDD), to the unthinkable - an Improvised nuclear device (IND). And just as having the right tools are part of any trade, FRMAC's tool set has and is evolving to meet contemporary challenges - not just to improve the time it takes to collect data and assess the situation, but to provide a quality and comprehensive product that supports a stressed decision maker, responsible for the protection of the public. Innovations in the movement of data and information have changed our everyday lives. So too, FRMAC is capitalizing on industry innovations to improve the flow of information: from the early predictive models, to streamlining the process of getting data out of the field; to improving the time it takes to get assessed products in to the hands of the decision makers. FRMAC is focusing on the future through the digital age of electronic data processing. Public protective action and dose avoidance is the challenge.

Biographical Sketches:

Colleen O'Laughlin has been the CM/FRMAC Program Manager for the past 11 years. During this time, the CM program's mission has evolved and expanded. Ms. O'Laughlin has been instrumental in the planning of many CM/FRMAC and national-level exercises and has participated in them at all levels, including: Table Top (TTX), Ingestion Pathway (IPX), and Full Scale Exercises (FSE). The most recent national-level exercise was EMPIRE-09 (a FRMAC Full-Scale Exercise) for which she was the lead planner. Ms. O'Laughlin's duties as CM/FRMAC Program Manager also include working with federal, state and local agencies to assure an integrated response. She is part of the on-call team and deploys with the CM Response Team Phase 1 in support of a FRMAC. Ms. O'Laughlin also co-chairs both the FRMAC Operations and FRMAC Mission Analysis work groups and is a member of all the FRMAC work groups (CM Home Team, Health & Safety, Monitoring & Sampling, Laboratory Analysis and Assessment). She also provides support to other NA-42 DOE/NNSA Office of Emergency Response mission programs such as Crisis Response.

Dr. John S. Nasstrom is a Deputy Associate Program Leader at Lawrence Livermore National Laboratory (LLNL) with responsibility for managing several Department of Energy projects utilizing the National Atmospheric Release Advisory Center (NARAC) at LLNL. He received his Ph.D. degree in Atmospheric Science from the University of California, Davis. He has worked at LLNL's NARAC since 1984, and made contributions to atmospheric plume modeling scientific

research, and to operational emergency response systems. His areas of scientific research have included turbulence and diffusion, boundary layer meteorology and air pollution meteorology. He is actively involved in supporting DOE and interagency efforts in operational emergency response, and in the integration of new science and technology to predict and assess the impacts of airborne CBRN hazards.

Bob Augdahl has 20 years of experience in the field of operational health physics at the Nevada Test Site (NTS). Bob also serves as a Senior Operations Specialist and Field Team Supervisor for the Federal Radiological Management and Assessment Center (FRMAC) response team. Current duties entail planning and coordination of Consequence Management drills and exercises. Duties at NTS have included radiological control technician (RCT), RCT and radiological operations supervisor, radiological training coordinator and sealed source program administrator.

Thomas Laiche has 30 years of Health Physics experience. He began his career with the State of Louisiana, Nuclear Energy Division performing medical and industrial x-ray inspections and also worked in the laboratory and the emergency response program. In 1990, Tom took a job with Ecology and Environment, Inc. as a Health Physicist and worked at several radiologically contaminated sites throughout the US. For the past 15 years Tom has worked at Sandia National Laboratories. During this time, Tom has been the operational Health Physics supervisor providing support to the Technical Area 5 Research Reactor and Hot Cell facility. Tom then moved to the Radiation Protection Program where he served as the manager for five years before taking his current position with the Nuclear Incident Response Program.

[Submit Abstract & Biography](#)