

September 6, 2012

**REVISED MEETING NOTICE – FINAL AGENDA**

**Organization:** Nuclear Regulatory Commission, Office of Nuclear Material Safety and Safeguards

**Date:** September 12 - 13, 2012 7:30 a.m. - 5:00 p.m. (Eastern Daylight Time)

**Location:** U.S. Nuclear Regulatory Commission (NRC)  
Two White Flint North, Auditorium  
11545 Rockville Pike  
Rockville, Maryland 20852

**Purpose:** The Office of Nuclear Material Safety and Safeguards (NMSS) is hosting a Regulatory Conference sponsored by the Division of Spent Fuel Storage and Transportation (SFST), U.S. Nuclear Regulatory Commission (NRC). The staff is soliciting stakeholder participation to serve on panels and as presenters concerning regulatory issues in the areas of transportation and storage of nuclear material.

**Participants:** NRC Staff, Industry Representatives, and Stakeholders

Stakeholders who wish to participate and give a formal presentation or provide white papers at the meeting on selected topics should e-mail or call the meeting contact as soon as possible, but no later than August 16, 2012. These requests will be considered in development of the final agenda.

**Meeting Category:\*** This is a **Category 3 Meeting.** The public is invited to participate in the meeting by providing comments and asking questions throughout the meeting. The NRC's Policy Statement, "Enhancing Public Participation on NRC Meetings," effective May 28, 2002, applies to this meeting. The policy statement may be found on the NRC website, [www.nrc.gov](http://www.nrc.gov), and contains information regarding visitors and security.

The NRC provides reasonable accommodation to individuals with disabilities where appropriate. If you need a reasonable accommodation to participate in this meeting or need a meeting notice, a transcript, or other information from this meeting in another format (e.g., Braille, large print, sign interpreters), please notify the meeting contact. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

**Contact:** Haile K. Lindsay, 301-492-3280, at [Haile.Lindsay@nrc.gov](mailto:Haile.Lindsay@nrc.gov)

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\* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings" (67 FR 36920), May 28, 2002.

Pre-registration: Members of the public who will attend the Conference may pre-register for a security visitor badge. Those interested in pre-registering should e-mail or call the meeting contact as soon as possible, but no later than September 5, 2012.

Teleconferencing: Interested members of the public can participate in this meeting via a toll-free audio teleconference. The teleconference number and the participant pass code will be provided on the final agenda for the Regulatory Conference. Those interested in participating in the Conference by teleconference should e-mail or call the meeting contact as soon as possible, but no later than September 5, 2012. The Conference will be webcasted.

Enclosure: Agenda is attached.

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Enclosure: Agenda is attached.

DISTRIBUTION:  
All Hands SFST

Meeting Notice Accession No.

Filename: G:/SFST/2012 SFST Regulatory Conference/2012-Regulatory-Conference-Final-Public-Meeting-Notice.docx

<b>OFC</b>	SFST		SFST		SFST	
<b>NAME</b>	HLindsay		MDeBose		MSampson	
<b>DATE</b>	09/06/2012		09/06/12		09/06/12	

**OFFICIAL RECORD COPY**

## **2012 SFST Regulatory Conference (REG CON 2012) Final Agenda**

The Division of Spent Fuel Storage and Transportation (SFST) Regulatory Conference (REG CON 2012) is an annual forum to discuss NRC regulatory and technical issues involving spent fuel storage, and the transportation of radioactive material. The Conference provides an opportunity to share with interested stakeholders our regulatory perspectives and initiatives on pertinent licensing, inspection, and regulatory challenges. The forum also provides an opportunity for stakeholders to share experiences and provide insights on improving regulatory oversight in spent fuel storage and transportation. The NRC has objectives of improving openness, regulatory effectiveness, and predictability, while ensuring public health and safety in the storage of spent nuclear fuel and transportation of radioactive material. It is a goal of this conference to achieve these objectives through constructive dialogue with our stakeholders.

### **Day 1 – Wednesday, September 12, 2012 (Bridgeline #: 1-888-831-8980, Passcode: 9260485)**

7:30 - 8:45 AM – Conference Check-in

8:45 – 9:15 AM – Welcome and Introduction – Mark Lombard, Director, Division of Spent Fuel Storage and Transportation, NRC

9:15 - 9:45 AM – Opening Speaker: Michael Weber, Deputy Executive Director for Materials, Waste, Research, State, Tribal, and Compliance Programs, NRC

9:45 – 10:00 AM – Break

10:00 - 11:30 AM – Panel 1: Operating Experience (Panel Chair: Eric Benner, NRC)

This session will focus on current and future industry programs for communicating, retaining, and addressing operating experience (OpE), focusing on the challenges of sharing information between vendors and the relationship between vendors, general licensees, and users groups.

1. Overview of Current OpE Sharing and Potential Improvements (Marc Nichol, NEI)
2. OpE: Recent Misload Events (Pools and Casks) (Randy Robins, Dominion)
3. Dry Cask Storage Users Group Operating Experience Sharing (Suzanne Leblang, Entergy)
4. Operating Experience from Holtec's Point of View (Stefan Anton, Holtec)
5. Storage and Transportation Operating Experience (OpE) (Wren Fowler, NAC)

11:30 AM - 1:00 PM – Lunch

1:00 - 3:00 PM – Panel 2: Non-Spent Fuel Issues (Panel Chairs: Michele Sampson, NRC and Rick Boyle, U.S. Department of Transportation)

This session will focus on regulatory challenges in the non-spent fuel transportation arena. The radioactive materials transportation program represents a broad spectrum of stakeholders and regulatory challenges, whose issues may be unique from those specific to spent nuclear fuel storage and transportation. The session will focus on certification issues, which have broad application across Type B and fissile packaging.

1. RIS: Content Specification and Shielding Evaluations for Type B Transportation Packages (Michel Call, NRC)
2. New Shielding Analysis Method for General Payload (LLW) Type B Shipping Casks (Jon Newman, EnergySolutions)
3. Operating Experience with UF<sub>6</sub> Cylinders and UX-30 Overpacks (Mary Lynne Thomas)
4. 2011 Transportation Oversight Activities in North America (Clark Vanderniet, TN)
5. Part 71 Licensing Drawings and Welding (Matt Gordon, NRC)

3:00 – 3:15 PM – Break

3:15 - 4:00 PM – Information Session:

NUREG-2150: A Proposed Risk Management Framework (Earl Easton, NRC)

NUREG-2125: Spent Fuel Transportation Risk Assessment, Draft  
(John Cook, NRC)

4:00 - 4:30 PM – Summary Discussion of Panels (Facilitated by Alexis Sotomayor-Rivera, NRC)

**Day 2 – Thursday, September 13, 2012 (Bridgeline #: 1-888-324-7505, Passcode: 4594319)**

7:30 – 8:45 AM – Continuation of Conference Check-In

8:45 – 9:00 AM – Welcome Remarks – Scott Moore, Deputy Director, Office of Nuclear Material Safety and Safeguards, NRC

9:00 – 10:15 AM – Panel 3: High Burnup Fuel Storage and Transportation (Panel Chair: Meraj Rahimi, NRC)

This panel will focus on issues associated with the storage and transportation of high burnup spent nuclear fuel, including regulatory compliance issues for both 10 CFR Parts 71 and 72, cladding integrity, and fuel reconfiguration.

1. Applicable Regulatory Requirements and Guidance for Storage and Transportation of High Burnup Fuels (Michael Waters, NRC)
2. High Burnup Fuel: 10 Years Later (Albert Machiels, EPRI)
3. Cladding Integrity (Bob Einziger, NRC)
4. Potential Reconfiguration of High Burnup Fuel and Its Implications to Transportation Package Safety (Zhian Li, NRC)
5. Issues Related to High Burnup Spent Fuel Storage and Transportation Licensing (Prakash Narayanan, TN)

10:15 – 10:30 AM – Break

10:30 – 11:30 AM – Continuation of Panel 3

11:30 AM - 1:00 PM – Lunch

1:00 - 2:30 PM – Panel 4: Technical Issues (Panel Chair: David Pstrak, NRC)

This session will focus on technical issues related to storage of spent nuclear fuel, including recent vacuum drying events and shielding issues associated with dry cask storage loading.

1. Vacuum Drying Events and Associated Issues (Jorge Solis, NRC)
2. Exelon Experience and Observations – Thermal Issues Identified During Loading of Spent Fuel Storage Casks (Ray Termini, Exelon)
3. Utility Use of 10 CFR Part 20 Radiation Protection Programs and Its Applicability to Dry Cask Activities (Suzanne Leblang, Entergy)

2:30 – 2:45 PM – Break

2:45 - 3:15 PM – Summary Discussion of Panels and Future Conference Discussions (Facilitated by Haile Lindsay, NRC)

3:15 – 3:45 PM – Closing Remarks – Doug Weaver, Deputy Director, Division of Spent Fuel Storage and Transportation, NRC