

September 14, 2011

Organization: Office of Nuclear Material Safety and Safeguards

Date: November 1, 2011 8:30 a.m. – 4:45 p.m. (Eastern Daylight Time)

Location: U.S. Nuclear Regulatory Commission (NRC)  
Executive Boulevard Building, Room 1-B-13/B15  
6003 Executive Boulevard  
Rockville, Maryland 20852

Purpose: The Office of Nuclear Material Safety and Safeguards (NMSS) is hosting a Technical Exchange 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 presenters concerning issues in the areas of transportation technical issues and storage technical issues. The Technical Exchange will serve as a prelude to other pertinent topics discussed at the SFST Regulatory Conference on November 2 & 3.

Participants: NRC Staff, Industry Representatives, Other 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 October 8, 2011. These requests will be considered in development of the final agenda.

Meeting Category:<sup>1</sup> 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), please notify the meeting contact. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

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<sup>1</sup> 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 meeting may pre-register for a security visitor badge. Those interested in pre-registering should e-mail or call the meeting contacts as soon as possible, but no later than October 25, 2011.

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 Technical Exchange. Those interested in participating in this meeting by teleconference should e-mail or call the meeting contact as soon as possible, but no later than October 25, 2011.

Preliminary Agenda is attached. Comments are welcome. Proposed topics are welcome and may be provided via email to [Haile.Lindsay@nrc.gov](mailto:Haile.Lindsay@nrc.gov). The solicitation period for comments and proposed topics expires on October 8, 2011.

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DISTRIBUTION:  
All Hands SFST

Meeting Notice Accession No.

Filename: G:/SFST/SFST Regulatory Conference and Technical Exchange/Technical Exchange/Technical-Exchange-Public-Meeting-Notice.docx

<b>OFC</b>	SFST		SFST		SFST	
<b>NAME</b>	HLindsay		MDeBose		MSampson	
<b>DATE</b>	09/13/11		09/13/11		09/14/11	

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2011 SFST TECHNICAL EXCHANGE PRELIMINARY AGENDA<sup>i</sup>

November 1, 2011, 8:30 a.m. – 4:45 p.m. (Eastern Daylight Time)

Executive Boulevard Building, Room 1-B-13/B15

7:30 a.m. – 8:30 a.m. Check-in (Security) and Registration

8:30 a.m. – 8:45 a.m. Welcome and Opening Remarks

8:45 a.m. – 9:00 a.m. Morning Break to convene into technical panel sessions

9:00 a.m. – 11:45 a.m. Concurrent Technical Sessions

<b>Interfaces Between Storage and Transportation Casks</b>	<b>Seismic Issues for Dry Cask Storage Systems</b>
<b>Room EBB-1-B-13</b>	<b>Room EBB-1-B-15</b>
<p>Panel Discussion on High Burnup Fuel</p> <p>Purpose: This session will include discussions on transporting high burnup fuel. The session will start with discussions on spent fuel retrievability in storage and the regulatory requirements for maintaining fuel geometry during normal and accident conditions of transport. The follow up discussions would be on possible solutions to these regulatory requirements in terms of available data on high burnup cladding material mechanical properties, fuel reconfiguration scenarios, and moderator exclusion.</p>	<p>Panel Discussion on Stack – Up Analysis</p> <p>Purpose: Discuss proposed methodologies for conducting analysis of the free-standing stackup configuration during vertical dry cask spent fuel loading operations.</p>
<p>Panel Discussion on Criticality Safety Methods</p> <p>Purpose: This session will focus on different methods used to address criticality safety requirements under 10 CFR Part 71 and 72, and how one method can be used to satisfy both requirements in order to facilitate a more efficient way of reviewing an already-approved storage system for transport from a criticality safety point of view.</p>	

11:45 a.m. – 1:00 p.m. Lunch

1:00 p.m. – 3:45 p.m. Continuation of Concurrent Technical Sessions

<b>Interfaces Between Storage and Transportation Casks</b> <b>Room EBB-1-B-13</b>	<b>Seismic Issues for Dry Cask Storage Systems</b> <b>Room EBB-1-B-15</b>
Continuation of Panel Discussion on Criticality Safety Methods	Panel Discussion on North Anna Earthquake Event
Panel Discussion on Acceptance Testing and Aging Management  Purpose: This session will include topics on the acceptance and maintenance tests that are normally associated with transport packages and how they should be considered for storage casks when subsequent transport approval are requested. The discussion will include aging management and the approach for assuring integrity of components important to transport safety after a long period of storage.	Purpose: Discuss the performance of the TN-32 casks at the North Anna Power Station during the earthquake that took place on Tuesday, August 23, 2011.

3:45 p.m. – 4:00 p.m. Break to reconvene in room EBB-1B-13/15

4:00 p.m. – 4:30 p.m. Stakeholder questions and feedback

4:30 p.m. – 4:45 p.m. Closing Remarks

4:45 p.m. Adjourn

Enclosure

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<sup>i</sup>The final meeting agenda will be posted to the public meeting website by October 20, 2011.