

# DEFENSE NUCLEAR FACILITIES SAFETY BOARD

## Board Public Meeting and Hearing Agenda

This public meeting and hearing of the Defense Nuclear Facilities Safety Board (Board) concerns safety-related aspects of the Department of Energy's design of the Waste Treatment and Immobilization Plant Project at the Hanford Site. The Board will consider safety-related design topics of the Pretreatment Facility in the areas of pulse jet mixing, delivery of feed from the High Level Waste Tank Farms, formulation of the Pretreatment Facility safety basis, and hydrogen control. The Board's primary focus is the sufficiency of the Pretreatment Facility safety design strategy required to protect the public, collocated workers, and facility workers from accidental release of radioactive and hazardous materials. The Board has requested the appearance of the following individuals to participate in panel discussions on the various topics of interest to the Board.

**October 7, 2010**

9:00 am	Opening Remarks	Chairman Winokur and Board Members
9:15 am	Board's Staff Testimony—Pulse Jet Mixing	Board's Staff
9:30 am	Opening Remarks	Department of Energy
9:45 am	<b>Panel Discussion</b>  <b>Topic</b>  Pretreatment Facility Mixing <ul style="list-style-type: none"> <li>• Impact on safety</li> <li>• Impact on operation</li> <li>• Impact on waste acceptance</li> <li>• Impact on criticality safety</li> </ul>	<b><u>Panel Members</u></b>  Dr. Inés Triay, DOE-EM Mr. Dale Knutson, DOE-ORP Dr. David Dickey, Consultant Dr. Loni M. Peurrung, PNNL Dr. David S. Kosson, CRESP  Mr. Frank Russo, BNI Mr. Greg Ashley, BNI Mr. Leo Sain, URS Ms. Donna Busche, URS
12:30 pm	<b>Panel Discussion</b>  <b>Topic</b>  Feed Preparation and Supplemental Treatment	<b><u>Panel Members</u></b>  Dr. Inés Triay, DOE-EM Mr. David Brockman, DOE-ORP Ms. Stacy Charboneau, DOE-ORP Mr. Dale Knutson, DOE-ORP  Mr. Leo Sain, URS Ms. Donna Busche, URS Mr. Paul Rutland, WRPS

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1:30 pm **Public  
Statements**

2:00 pm

**Recess**

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## Board Public Meeting and Hearing Agenda

October 7, 2010

5:00 pm	Opening Remarks	Chairman Winokur and Board Members
5:15 pm	Board's Staff Testimony— Pretreatment Facility Safety	Board's Staff
5:30 pm	Opening Remarks	Department of Energy
5:45 pm	<b>Panel Discussion</b>	<b>Panel Members</b>
	<b>Topics</b>	
	1. Pretreatment Facility Safety	Dr. Inés Triay, DOE-EM
	• Safety-related systems, structures, and components	Mr. David Brockman, DOE-ORP
	• Design complexity	Mr. Dale Knutson, DOE-ORP
		Mr. Frank Russo, BNI
		Mr. Greg Ashley, BNI
	2. Pretreatment facility operation	Mr. Leo Sain, URS
		Ms. Donna Busche, URS
8:30 pm	<b>Public Statements</b>	
9:00 pm		<u>Recess</u>

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## Board Public Meeting and Hearing Agenda

October 8, 2010

8:00 am                      Opening Remarks                      Chairman Winokur and Board Members

8:15 am                      Board's Staff Testimony—  
Hydrogen in Pipes and  
Ancillary Vessels                      Board's Staff

8:30                              Opening Remarks                      Department of Energy

8:45                      **Panel Discussion**                      **Topic**                      **Panel Members**

Hydrogen in Pipes and  
Ancillary Vessels (HPAV)

- Design
- Safety
- Testing
- Quantitative risk analysis

Dr. Inés Triay, DOE-EM  
Mr. David Brockman, DOE-ORP  
Mr. Dale Knutson, DOE-ORP  
Frank Russo, BNI  
Mr. Greg Ashley, BNI  
Mr. Leo Sain, URS  
Ms. Donna Busche, URS  
Dr. Joseph Shepherd, CIT  
Dr. Roger Mattson, Team Lead-HIRT

11:30 am                      **Public Statements**

12:00 pm                      **Adjourn**