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

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Panel Members</th>
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<tr>
<td>9:00 am</td>
<td>Opening Remarks</td>
<td>Chairman Winokur and Board Members</td>
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<td>9:15 am</td>
<td>Board’s Staff Testimony—Pulse Jet Mixing</td>
<td>Board’s Staff</td>
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<td>9:30 am</td>
<td>Opening Remarks</td>
<td>Department of Energy</td>
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<td>9:45 am</td>
<td>Panel Discussion</td>
<td>Panel Members</td>
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<td>Pretreatment Facility Mixing</td>
<td>Dr. Inés Triay, DOE-EM</td>
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<td>• Impact on safety</td>
<td>Mr. Frank Russo, BNI</td>
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<td>• Impact on operation</td>
<td>Mr. Dale Knutson, DOE-ORP</td>
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<td>• Impact on waste acceptance</td>
<td>Dr. David Dickey, Consultant</td>
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<td>• Impact on criticality safety</td>
<td>Dr. Loni M. Peurrung, PNNL</td>
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<td>Dr. David S. Kosson, CRESP</td>
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<td>12:30 pm</td>
<td>Panel Discussion</td>
<td>Panel Members</td>
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<td>Feed Preparation and Supplemental Treatment</td>
<td>Dr. Inés Triay, DOE-EM</td>
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<td>Mr. Leo Sain, URS</td>
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<td>Mr. David Brockman, DOE-ORP</td>
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<td>Ms. Donna Busche, URS</td>
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<td>Mr. Dale Knutson, DOE-ORP</td>
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1:30 pm  Public Statements

2:00 pm  Recess
DEFENSE NUCLEAR FACILITIES SAFETY BOARD

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  Panel Discussion  Topics

1. Pretreatment Facility Safety
   • Safety-related systems, structures, and components
   • Design complexity

2. Pretreatment facility operation

Panel Members

Dr. Inés Triay, DOE-EM
Mr. David Brockman, DOE-ORP
Mr. Dale Knutson, DOE-ORP
Mr. Frank Russo, BNI
Mr. Greg Ashley, BNI
Mr. Leo Sain, URS
Ms. Donna Busche, URS

8:30 pm  Public Statements

9:00 pm  Recess
DEFENSE NUCLEAR FACILITIES SAFETY BOARD

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 am
Opening Remarks
Department of Energy

8:45 am
Panel Discussion

Hydrogen in Pipes and Ancillary Vessels (HPAV)

- Design
- Safety
- Testing
- Quantitative risk analysis

Panel Members

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