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  Panel Discussion  Topic

Pretreatment Facility Mixing
• Impact on safety
• Impact on operation
• Impact on waste acceptance
• Impact on criticality safety

Panel Members
Dr. Inés Triay, DOE-EM  Mr. Frank Russo, BNI
Mr. Dale Knutson, DOE-ORP  Mr. Greg Ashley, BNI
Dr. David Dickey, Consultant  Mr. Leo Sain, URS
Dr. Loni M. Peurrung, PNNL  Ms. Donna Busche, URS
Dr. David S. Kosson, CRESP

12:30 pm  Panel Discussion  Topic

Feed Preparation and Supplemental Treatment

Panel Members
Dr. Inés Triay, DOE-EM  Mr. Leo Sain, URS
Mr. David Brockman, DOE-ORP  Ms. Donna Busche, URS
Ms. Stacy Charboneau, DOE-ORP  Mr. Paul Rutland, WRPS
Mr. Dale Knutson, DOE-ORP
1:30 pm  Public Statements

2:00 pm  Recess
DEFENSE NUCLEAR FACILITIES SAFETY BOARD

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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

Panel Members

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

2. Pretreatment facility operation

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 amOpening Remarks Chairman Winokur and Board Members

8:15 amBoard’s Staff Testimony—Hydrogen in Pipes and Ancillary Vessels Board’s Staff

8:30 Opening Remarks Department of Energy

8:45 Panel Discussion

Topic

- 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