

PBMR Safety and Design Familiarization

Session 1 - Plant layout and systems, and fuel design / fueling operations

Tuesday, February 28, 2006

- 8:30 a.m. Introductory Remarks
- 9:00 a.m. PBMR Program Overview
- 10:00 a.m. Break
- 10:15 a.m. PBMR Design Principles
- 12:15 p.m. Lunch
- 1:15 p.m. Reactor Unit and Main Support Systems
- 2:45 p.m. Break
- 3:00 p.m. Reactor Unit and Main Support Systems (Cont'd)
- 4:00 p.m. Open Discussion

Wednesday, March 1, 2006

- 9:00 a.m. Power Conversion Unit
- 11:00 a.m. Break
- 11:15 a.m. Auxiliary Systems Overview
- 12:15 p.m. Lunch
- 1:15 p.m. Auxiliary Systems Overview (Cont'd)
- 2:30 p.m. Break
- 2:45 p.m. Civil Structures and Equipment Arrangements
- 3:45 p.m. Open Discussion

Thursday, March 2, 2006

- 9:00 a.m. Automation System
- 10:45 a.m. Break

11:00 a.m. Electrical System

11:30 a.m. Wrap-up Discussions

PBMR Safety and Design Familiarization

Session 2 - Safety design and analysis, and plant operations and events

Wednesday, March 15, 2006

- 8:30 a.m. Introductory Remarks
- 9:00 a.m. Plant Operations Overview
- 10:00 a.m. Operating Conditions and Modes
- 10:30 a.m. Break
- 10:45 a.m. Fuel
- 12:15 a.m. Lunch
- 1:15 p.m. Safety Design Approach
- 2:15 p.m. Top Level Regulatory Criteria (TLRC)
- 3:15 p.m. Break
- 3:30 p.m. Open Discussion

Thursday, March 16, 2006

- 9:00 a.m. Integrated Deterministic and Probabilistic Safety Analysis Approach
- 10:30 a.m. Break
- 10:45 a.m. Integrated Deterministic and Probabilistic Safety Analysis Approach
(Cont'd)
- 12:15 p.m. Lunch
- 1:15 p.m. Event Identification and Categorization
- 2:15 p.m. Event Analysis
- 3:15 p.m. Break
- 3:30 p.m. Risk Analysis
- 4:00 p.m. Wrap-up Discussions