



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001

August 17, 2010

AGENDA
575th ACRS MEETING
September 9-11, 2010

**THURSDAY, SEPTEMBER 9, 2010, CONFERENCE ROOM T-2B3, 11545 ROCKVILLE PIKE,
ROCKVILLE, MD T-2B3**

- 1) 8:30 AM - 8:35 AM Opening Remarks by the ACRS Chairman (Open)(SAK/EMH)
1.1) Opening Statement
1.1) Items of Current Interest
- 2) 8:35 AM - 10:30 AM Potential Approaches to Resolve Generic Safety Issue (GSI)-191,
Assessment of Debris Accumulation on Pressurized Water
Reactor Sump Performance (Open)(SB/IB/WW)
2.1) Remarks by the Subcommittee Chairman
2.2) Briefing by and discussions with representatives of the
NRC staff regarding potential approaches to resolve
GSI-191.
- 10:30 AM - 10:45 AM *****BREAK*****
- 3) 10:45 AM - 12:15 PM Amendment to the Design Control Document (DCD) for the
Certified Advanced Boiling Water Reactor (ABWR) Design
(Open/Closed)(SAK/MB)
3.1) Remarks by the Subcommittee Chairman
3.2) Briefing by and discussions with representatives of the
NRC staff and South Texas Project Nuclear Operating
Company regarding the amendment to the DCD for the
certified ABWR design.

**[NOTE: A portion of this session may be closed in order to
discuss and protect unclassified safeguards information
pursuant to 5 U.S.C.552(c)(3).]**

12:15 PM - 1:15 PM *****LUNCH*****

4) 1:15 PM - 2:45 PM

Long-Term Core Cooling Approach for the Economic Simplified Boiling Water Reactor (ESBWR) Design

(Open/Closed)(MLC/CB/KW)

- 4.1) Remarks by the Subcommittee Chairman
- 4.2) Briefing by and discussions with representatives of the NRC staff and General Electric - Hitachi Nuclear Americas (GEH) regarding the long-term core cooling approach for the ESBWR design.

[NOTE: A portion of this session may be closed in order to discuss and protect information designed as proprietary pursuant to 5 U.S.C 552b(c)(4).]

2:45 PM - 3:00 PM

*****BREAK*****

5) 3:00 PM - 5:00 PM

License Application for the Mixed Oxide (MOX) Fuel Fabrication Facility and the Associated Safety Evaluation Report

(Open/Closed)(DAP/NC)

- 5.1) Remarks by the Subcommittee Chairman
- 5.2) Briefing by and discussions with representatives of the NRC staff and Shaw-Areva, LLC regarding the license application for the MOX Fuel Fabrication Facility and the associated Safety Evaluation Report.

[NOTE: A portion of this session may be closed in order to discuss and protect information designed as proprietary pursuant to 5 U.S.C.552b(c)(4).]

5:00 PM - 5:15 PM

*****BREAK*****

6) 5:15 PM - 7:00 PM

Preparation of ACRS Reports (Open/Closed)

- 6.1) Potential Approaches to Resolve GSI-191, Assessment of Debris Accumulation on Pressurized Water Reactor Sump Performance (SB/IB/WW)
- 6.2) Amendment to the DCD for the Certified ABWR Design (SIA/MB/KH)
- 6.3) Long-term Core Cooling Approach for the ESBWR (MLC/CB)
- 6.4) License Application for the MOX Fuel Fabrication Facility and the associated Safety Evaluation Report (DAP/NC)
- 6.5) Response to the NRC Executive Director for Operations (EDO) Regarding Draft Final Regulatory Guide 1.217, "Guidance for the Assessment of Beyond-Design-Basis Aircraft Impacts" (JWS/IB).

[NOTE: A portion of this session may be closed in order to discuss and protect unclassified safeguards and proprietary information pursuant to 5 U.S.C.552(c)(3)(4).]

FRIDAY, SEPTEMBER 10, 2010, CONFERENCE ROOM T-2B3, 11545 ROCKVILLE PIKE, ROCKVILLE, MD T-2B3

- 7) 8:30 AM - 8:35 AM Opening Remarks by the ACRS Chairman (Open) (SAK/EMH)
- 8) 8:35 AM - 9:30 AM Proposed Interim Staff Guidance (ISG) DC/COL-ISG-13, "Assessing the Consequences of an Accidental Release of Radioactive Materials from Liquid Waste Tanks," and Proposed DC/COL-ISG-14, "Assessing Groundwater Flow and Transport of Accidental Radionuclide Releases" (Open)(MTR/DAW)
- 8.1) Remarks by the Subcommittee Chairman
- 8.2) Briefing by and discussions with representatives of the NRC staff regarding proposed ISG-13, "Assessing the Consequences of an Accidental Release of Radioactive Materials from Liquid Waste Tanks," and ISG-14, "Assessing Groundwater Flow and Transport of Accidental Radionuclide Releases."
- 9:30 AM - 9:45 AM *****BREAK*****
- 9) 9:45 AM - 11:15 AM Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (SAK/EMH)
- 9.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the Full Committee during future ACRS meetings
- 9.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments.
- [NOTE: A portion of this meeting may be closed pursuant to 5 U.S.C. 552b (c)(2) and (6) to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of ACRS, information the release of which would constitute a clearly unwarranted invasion of personal privacy, and unclassified safeguards information.]**
- 10) 11:15 AM - 11:30 AM Reconciliation of ACRS Comments and Recommendations (Open) (SAK/DW/CS)
- Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters
- 11:30 AM - 12:30 PM *****LUNCH*****

- 11) 12:30 PM - 1:30 PM Assessment of the Quality of Selected NRC Research Projects (Open)(DAP/HN)
11.1) Remarks by the Subcommittee Chairman
11.2) Discussions with members of the ACRS Panels performing the quality assessment of the NRC research projects on: NUREG/CR-6947, "Human Factors Consideration with Respect to Emerging Technology in Nuclear Power Plants," and NUREG/CR-6997, "Modeling a Digital Feedwater Control System Using Traditional Probabilistic Risk Assessment Methods."

1:30 PM - 1:45 PM *****BREAK*****

- 12) 1:45 PM - 7:00 PM Preparation of ACRS Reports (Open/Closed)
12.1) Potential Approaches to Resolve GSI-191, Assessment of Debris Accumulation on Pressurized Water Reactor Sump Performance (SB/IB/WW)
12.2) Amendment to the Design Control Document (DCD) for the Certified ABWR Design (SIA/MB/KH)
12.3) Long-term Core Cooling Approach for the ESBWR (MLC/CB)
12.4) License Application for the MOX Fuel Fabrication Facility and the associated Safety Evaluation Report (DAP/NC)
12.5) Response to the NRC Executive Director for Operations (EDO) Regarding Draft Final Regulatory Guide 1.217, "Guidance for the Assessment of Beyond-Design-Basis Aircraft Impacts" (JWS/MB/IB)
12.6) Proposed ISG-13, "Accidental Release of Radioactive Materials from Waste Tanks" and ISG-14, "Assessing Groundwater Flow and Transport of Accidental Radionuclide Releases (MTR/DAW)
12.7) Assessment of the Quality of Selected NRC Research Projects (DAP/HN)

[[NOTE: A portion of this session may be closed in order to discuss and protect unclassified safeguards and proprietary information pursuant to 5 U.S.C.552(c)(3)(4).]

SATURDAY, SEPTEMBER 11, 2010, CONFERENCE ROOM T-2B3, 11545 ROCKVILLE PIKE, ROCKVILLE, MD T-2B3

- 13) 8:30 AM - 4:30 PM Preparation of ACRS Reports (Open)
Continue discussion of the proposed ACRS reports listed under Item 12.

14) 4:30 PM - 5:00 PM

Miscellaneous (Open)(EMH)

Discussion of matters related to the conduct of Committee activities and specific issues that were not completed during previous meetings, as time and availability of information permit.

NOTES:

- When appropriate, members of the public and representatives of the nuclear industry may provide their views during the briefings.
- During the meeting, 301-415-7360 should be used in order to contact anyone in the ACRS Office.
- Presentation time should not exceed 50 percent of the total time allocated for a given item. The remaining 50 percent of the time is reserved for discussion.
- Thirty five (35) hard copies and one (1) electronic copy of the presentation materials should be provided to the ACRS in advance of the briefing.
- One (1) electronic copy of each presentation should be emailed to the Designated Federal Official 1 day before the meeting. If an electronic copy cannot be provided within this timeframe, presenters should provide the Designated Federal Official with a CD containing each presentation at least 30 minutes before the meeting.