



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

March 20, 2008

AGENDA
551st ACRS MEETING
APRIL 10 - 12, 2008

**THURSDAY, APRIL 10, 2008, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,
ROCKVILLE, MARYLAND**

- 1) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (WJS/CS/SD)
1.1) Opening statement
1.2) Items of current interest
- 2) 8:35 - 11:30 A.M. Extended Power Uprate Application for the Hope Creek
Generating Station (Open/Closed) (SAK/ZA)
10:00 – 10:15 A.M.
*****BREAK*****
2.1) Remarks by the Subcommittee Chairman
2.2) Briefing by and discussions with representatives of the
NRC staff and the PSEG Nuclear Company regarding the
Extended Power Uprate Application for the Hope Creek
Generating Station and the associated NRC staff's Safety
Evaluation.

**[Note: A portion of this session may be closed to discuss
and protect information that is proprietary to PSEG Nuclear,
LLC, and their contractors pursuant to 5 U.S.C. 552b(c)(4).]**

Members of the public may provide their views, as appropriate.

- 11:30 - 12:30 P.M. ***LUNCH*****
- 3) 12:30 – 2:30 P.M. Preparation of ACRS Reports (Open/Closed)
Discussion of proposed ACRS reports on:
3.1) Hope Creek Extended Power Uprate Application (SAK/ZA)
3.2) Response to the EDO Response to the December 20,
2007 ACRS Report on the Susquehanna Power Uprate
Application) (SB/ZA)
3.3) Proposed Licensing Strategy for the Next Generation
Nuclear Plant (NGNP) (MLC/MB) **(Closed)**
- 2:30 - 2:45 P.M. ***BREAK*****

- 4) 2:45 – 4:45 P.M. Proposed Licensing Strategy for the Next Generation Nuclear Plant (NGNP) (Closed) (MLC/MB)
- 4.1) Remarks by the Subcommittee Chairman
- 4.2) Briefing by and discussions with representatives of the NRC staff and Department of Energy regarding the proposed licensing strategy for the Next Generation Nuclear Plant.

[Note: This session will be closed to prevent disclosure of information the premature disclosure of which would be likely to significantly frustrate implementation of a proposed agency action pursuant to 5 U.S.C. 552b (c)(9) (b)]

4:45 - 5:00 P.M. *BREAK*****

- 5) 5:00 - 7:00 P.M. Preparation of ACRS Reports (Open/Closed)
Continued discussion of proposed ACRS reports from item #3.

FRIDAY, APRIL 11, 2008, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 6) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (WJS/CS/SD)
- 7) 8:35 - 10:30 A.M. Digital Instrumentation and Controls (I&C) Interim Staff Guidance and Related Matters (Open) (GEA/GSS/CEA)
- 7.1) Remarks by the Subcommittee Chairman
- 7.2) Briefing by and discussions with representatives of the NRC staff and Nuclear Energy Institute (NEI) regarding Digital I&C interim staff guidance on Cyber Security, Licensing Process, and Review of New Reactor Digital I&C PRAs, as well as assessment of Digital System Operating Experience Data and Digital Categorization Update, current status of Traditional Methods Digital Reliability Modeling research, and related matters.

Members of the public may provide their views, as appropriate.

10:30 – 10:45 A.M. *Break*****

- 8) 10:45 – 11:30 A.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (WJS/FPG/SD)
- 8.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.
- 8.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments.

- 9) 11:30 – 11:45 A.M. Reconciliation of ACRS Comments and Recommendations
(Open) (WJS, et al. /CS, et al.)
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.
- 11:45 - 12:45 P.M. ***LUNCH*****
- 10) 12:45 - 7:00 P.M. Preparation of ACRS Reports (Open/Closed)
Discussion of proposed ACRS reports on:
2:45 – 3:00 P.M. *Break*****
- 10.1) Hope Creek Extended Power Uprate Application (SAK/ZA)
 - 10.2) Digital I&C Interim Staff Guidance and related matters (GEA/GSS/CEA)
 - 10.3) PWROG Topical Report WCAP-16793-NP (SB/DEB)
 - 10.4) Response to the EDO Response to the December 20, 2007 ACRS Report on the Susquehanna Power Uprate Application) (SB/ZA)
 - 10.5) Proposed Licensing Strategy for the Next Generation Nuclear Plant (NGNP) (MLC/MB) **(Closed)**

SATURDAY, APRIL 12, 2008, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 11) 8:30 - 1:00 P.M. Preparation of ACRS Reports (Open/Closed)
10:30 – 10:45 A.M. *BREAK*****
Continue discussion of proposed ACRS reports listed under Item 10.
- 12) 1:00 - 1:30 P.M. Miscellaneous (Open) (WJS/FPG)
Discussion of matters related to the conduct of Committee activities and matters and specific issues that were not completed during previous meetings, as time and availability of information permit.

NOTE:

Presentation time should not exceed 50 percent of the total time allocated for a specific item. The remaining 50 percent of the time is reserved for discussion.

One (1) electronic copy and thirty-five (35) hard copies of the presentation materials should be provided to the ACRS.

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