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# NRC NEWS

## U.S. NUCLEAR REGULATORY COMMISSION

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### **ADVISORY COMMITTEE ON REACTOR SAFEGUARDS TO MEET IN ROCKVILLE, MARYLAND, JULY 10 - 12**

The Nuclear Regulatory Commission's Advisory Committee on Reactor Safeguards (ACRS) has scheduled a meeting in Rockville, Maryland, July 10 -12. During one of the sessions, the ACRS will meet with NRC Commissioners. This session will focus on, among other items, risk-informing special treatment requirements of Part 50 of the Commission's regulations, advanced reactors, reactor core power uprates and nuclear power plant operating license renewals.

The meeting, which is open to the public, will be held in Room T-2B3 of the agency's Two White Flint North building at 11545 Rockville Pike, beginning at 8:30 a.m. each day. However, the meeting with Commissioners will be held at 2 p.m. on July 10 in the Commissioners' Conference Room of the agency's One White Flint North building at 11555 Rockville Pike. The complete agenda is attached.

Those who wish to make oral or written statements, or seek additional information on the meeting or changes to the agenda should contact Dr. Sher Badahur, at 301-415-0138.

#### **ACRS Agenda:**

#### **WEDNESDAY, CONFERENCE ROOM 2B3, TWO WHITE FLINT NORTH**

8:30 - 8:35 A.M.      Opening Remarks by the ACRS Chairman

Opening statement

Items of current interest

8:35 - 10:00 A.M.      Pressurized Thermal Shock (PTS) Reevaluation Project: Risk Acceptance  
Criteria

Remarks by the Subcommittee Chairman

Briefing by and discussions with representatives of the NRC staff regarding the risk metrics and associated criteria that can be used in reevaluating the technical basis of the PTS rule.

Representatives of the nuclear industry may provide their views, as appropriate.

**10:00 - 10:15 A.M. \*\*\*BREAK\*\*\***

10:15 - 11:15 A.M. Draft Final Revision 1 to Regulatory Guide 1.174, “An Approach to Using Probabilistic Risk Assessment in Risk-Informed Decisions on Plant-Specific Changes to the Licensing Basis,” and Associated Standard Review Plan Chapter 19

Remarks by the Subcommittee Chairman

Briefing by and discussions with representatives of the NRC staff regarding the draft final revision 1 to Regulatory Guide 1.174 and the associated Standard Review Plan Chapter 19, “Use of Probabilistic Risk Assessment in Plant-Specific, Risk-Informed Decisionmaking: General Guidance.”

11:15 - 12:45 P.M. Discussion of Topics for Meeting with the NRC Commissioners

**12:45 - 2:00 P.M. \*\*\*LUNCH\*\*\***

2:00 - 4:00 P.M. Meeting with the NRC Commissioners

The Committee will meet with the NRC Commissioners, Commissioners’ Conference Room, One White Flint North, to discuss the following:

- Overview
- Core Power Uprates and License Renewals
- Future Committee Activities
- Advanced Reactors
- Risk-Informing Special Treatment Requirements of 10 CFR Part 50
- Pressurized Thermal Shock Technical Basis Reevaluation Project

**4:00 - 4:15 P.M. \*\*\*BREAK\*\*\***

4:15 - 5:15 P.M. Risk-Informed Regulation Implementation Plan

Remarks by the Subcommittee Chairman

Briefing by and discussions with representatives of the NRC staff regarding the updated version of the Risk-Informed

Regulation Implementation Plan.

**5:15 - 5:30 P.M. \*\*\*BREAK\*\*\***

5:30 - 7:15 P.M.

Proposed ACRS Reports

Discussion of proposed ACRS reports on:  
PTS Reevaluation Project: Risk Acceptance Criteria

Draft Final Revision 1 to Regulatory Guide 1.174 and SRP  
Chapter 19

Risk-Informed Regulation Implementation Plan

**THURSDAY**

8:30 - 8:35 A.M.

Opening Remarks by the ACRS Chairman

8:35 - 10:00 A.M.

Advanced Reactors Research Plan

Remarks by the Subcommittee Chairman

Briefing by and discussions with representatives of the NRC staff  
regarding the modifications and updates to the Advanced Reactors  
Research Plan.

**10:00 - 10 :15 A.M. \*\*\*BREAK\*\*\***

10:15 - 12:00 Noon

Overview of NRC Research Activities in the Seismic Area

Remarks by the Subcommittee Chairman

Briefing by and discussions with representatives of the NRC staff  
regarding ongoing and proposed research activities as well as new  
research needs in the seismic area.

**12:00 - 1:00 P.M. \*\*\*LUNCH\*\*\***

1:00 - 2:30 P.M.

Development of Review Standard for Reviewing Core Power Uprate  
Applications

Remarks by the Subcommittee Chairman

Briefing by and discussions with representatives of the NRC staff  
regarding the development of a “Review Standard” for use in future  
reviews of core power uprate applications.

**2:30 - 2:45 P.M. \*\*\*BREAK\*\*\***

2:45 - 6:00 P.M.

Proposed ACRS Reports

Discussion of proposed ACRS reports on:  
PTS Reevaluation Project: Risk Acceptance Criteria  
Draft Final Revision 1 to Regulatory Guide 1.174 and SRP Chapter 19

Risk-Informed Regulation Implementation Plan

Advanced Reactors Research Plan

Development of Review Standard for Reviewing Core Power Uprate Applications (Tentative)

**FRIDAY**

8:30 - 8:35 A.M.      Opening Remarks by the ACRS Chairman

8:35 - 10:15 A.M.      Application of the Probabilistic Fracture Mechanics Methodologies to Reactor Vessel Integrity Assessment

Remarks by the Subcommittee Chairman

Briefing by and discussions with representatives of the NRC staff regarding application of the probabilistic fracture mechanics methodologies (including the FAVOR computer code) to assess reactor pressure vessel integrity.

**10:15 - 10:30 A.M.      \*\*\*BREAK\*\*\***

10:30 - 2:30 P.M.      Proposed ACRS Reports (Open)

**(12:00 - 1:00 P.M. (LUNCH)**      Continue discussion of proposed ACRS reports.

**2:30 - 2:45 P.M.      \*\*\*BREAK\*\*\***

2:45 - 3:30 P.M.      Future ACRS Activities/Report of the Planning and Procedures Subcommittee

Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.

Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, and organizational and personnel matters relating to the ACRS.

3:30 - 3:45 P.M.      Reconciliation of ACRS Comments and Recommendations

Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent

ACRS reports and letters.

3:45 - 4:45 P.M.      Format and Content of the 2003 ACRS Report on the NRC Safety Research Program

Remarks by the Subcommittee Chairman

Discussion of the format, content, schedule, and assignments for the 2003 ACRS report to the Commission on the NRC Safety Research Program.

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

5:00 - 6:00 P.M.      Proposed Papers for the Quadripartite Meeting

Discussion of proposed papers on the following:

Safety Culture and Safety Management

Risk-Informed Regulation

Thermal-Hydraulic Analysis and Code Issues

Stress Corrosion Cracks in Pressure Retaining Components in

Nuclear Power Plants

Risk Analysis of Spent Fuel Storage

6:00 - 6:30 P.M.      Miscellaneous

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.**
- **Thirty-Five (35) copies of the presentation materials should be provided to the ACRS.**

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