

NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

**Notice of Meeting**

In accordance with the purposes of Sections 29 and 182b of the Atomic Energy Act (42 U.S.C. 2039, 2232b), the Advisory Committee on Reactor Safeguards (ACRS) will hold a meeting on April 10-11, 2014, 11545 Rockville Pike, Rockville, Maryland.

**THURSDAY, APRIL 10, 2014, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE,**

**ROCKVILLE, MARYLAND**

8:30 A.M. – 8:35 A.M.: Opening Remarks by the ACRS Chairman (Open) - The ACRS Chairman will make opening remarks regarding the conduct of the meeting.

8:35 A.M. – 10:00 A.M.: Economic Simplified Boiling Water Reactor (ESBWR) Supplemental Final Safety Evaluation Report (FSER) (Closed) – The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding the supplemental FSER associated with the ESBWR design. **[NOTE: This meeting will be closed in order to discuss and protect information designated as proprietary, pursuant to 5 U.S.C.**

**552b(c)(4).]**

10:15 A.M. – 11:45 A.M.: Overview of the NRC Operating Experience Program (Open) – The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding the NRC Operating Experience Program.

12:45 P.M. – 2:45 P.M.: Overview of the B&W mPower Small Modular Reactor Design

(Open/Closed) - The Committee will hear presentations by and hold discussions with representatives of the NRC staff and Generation mPower on the mPower small modular reactor design for an integral pressurized water reactor. **[NOTE A portion of this meeting may be closed in order to discuss and protect information designated as proprietary, pursuant to 5 U.S.C. 552b(c)(4).]**

3:00 P.M. – 4:00 P.M.: NRC Staff Activities regarding Small Modular Research Program (Open)

The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding an overview of NRC activities associated with small modular reactors.

4:00 P.M. – 5:15 P.M.: Biennial Review of the NRC Safety Research Program (Open) – The

Committee will discuss the draft report on the biennial ACRS review of the NRC Safety Research Program.

5:15 P.M. – 6:00 P.M.: Preparation of ACRS Reports (Open/Closed) - The Committee will

discuss proposed ACRS reports on matters discussed during this meeting. The Committee will also consider a response to the February 24, 2014, letter from the Executive Director for Operations regarding Chapters 6 and 7 of the Safety Evaluation Report with Open Items for certification of the US-APWR design and related long term core cooling issues. **[NOTE: A portion of this session may be closed in order to discuss and protect information designated as proprietary, pursuant to 5 U.S.C 552b(c)(4).]**

**FRIDAY, APRIL 11, 2014, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE,**

**ROCKVILLE, MARYLAND**

8:30 A.M. – 8:35 A.M.: Opening Remarks by the ACRS Chairman (Open) - The ACRS

Chairman will make opening remarks regarding the conduct of the meeting.

8:35 A.M. – 9:30 A.M.: Thermal Conductivity Degradation (Open) - The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding the evaluation of the impact of thermal conductivity degradation in PWRs.

9:45 A.M. – 11:15 A.M.: Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) - The Committee will discuss the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the Full Committee during future ACRS Meetings, and 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, and information the release of which would constitute a clearly unwarranted invasion of personal privacy.]**

11:15 A.M. – 11:30 A.M.: Reconciliation of ACRS Comments and Recommendations (Open) - The Committee will discuss the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.

1:30 P.M. – 5:30 P.M.: Preparation of ACRS Reports (Open/Closed) - The Committee will continue its discussion of proposed ACRS reports on matters discussed during this meeting. The Committee will also consider a response to the February 24, 2014, letter from the Executive Director for Operations regarding Chapters 6 and 7 of the Safety Evaluation Report with Open Items for certification of the US-APWR design and related long term core cooling issues. **[NOTE: A portion of this session may be closed in order to discuss and protect information designated as proprietary, pursuant to 5 U.S.C 552b(c)(4).]**

5:30 P.M. – 6:00 P.M.: Miscellaneous (Open) - The Committee will continue its discussion of matters related to the conduct of Committee activities and specific issues that were not completed during previous meetings.

Procedures for the conduct of and participation in ACRS meetings were published in the *Federal Register* on November 8, 2013 (78 FR 67205-67206). In accordance with those procedures, oral or written views may be presented by members of the public, including representatives of the nuclear industry. Persons desiring to make oral statements should notify Quynh Nguyen, Cognizant ACRS Staff (Telephone: 301-415-5844, E-mail: [Quynh.Nguyen@nrc.gov](mailto:Quynh.Nguyen@nrc.gov)), five days before the meeting, if possible, so that appropriate arrangements can be made to allow necessary time during the meeting for such statements. In view of the possibility that the schedule for ACRS meetings may be adjusted by the Chairman as necessary to facilitate the conduct of the meeting, persons planning to attend should check with the Cognizant ACRS staff if such rescheduling would result in major inconvenience.

Thirty-five hard copies of each presentation or handout should be provided 30 minutes before the meeting. In addition, one electronic copy of each presentation should be emailed to the Cognizant ACRS Staff one day before meeting. If an electronic copy cannot be provided within this timeframe, presenters should provide the Cognizant ACRS Staff with a CD containing each presentation at least 30 minutes before the meeting.

In accordance with Subsection 10(d) Public Law 92–463, and 5 U.S.C. 552b(c), certain portions of this meeting may be closed, as specifically noted above. Use of still, motion picture, and television cameras during the meeting may be limited to selected portions of the meeting as determined by the Chairman. Electronic recordings will be permitted only during the open portions of the meeting.

ACRS meeting agenda, meeting transcripts, and letter reports are available through the NRC Public Document Room at [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov), or by calling the PDR at 1-800-397-4209, or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System which is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> or <http://www.nrc.gov/reading-rm/doc-collections/ACRS/>.

Video teleconferencing service is available for observing open sessions of ACRS meetings. Those wishing to use this service should contact Mr. Theron Brown, ACRS Audio Visual Technician (301-415-8066), between 7:30 a.m. and 3:45 p.m. (ET), at least 10 days before the meeting to ensure the availability of this service. Individuals or organizations requesting this service will be responsible for telephone line charges and for providing the equipment and facilities that they use to establish the video teleconferencing link. The availability of video teleconferencing services is not guaranteed.

Date: 03/26/14

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Andrew L. Bates  
Advisory Committee Management Officer