

NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

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 June 3-5, 2009, 11545 Rockville Pike, Rockville, Maryland. The date of this meeting was previously published in the Federal Register on Monday, October 6, 2008, (73 FR 58268-58269).

WEDNESDAY, JUNE 3, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, 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. - 9:45 A.M.: License Renewal Application and the Revised Final Safety Evaluation

Report for the National Institute of Standards and Technology (NIST) Reactor (Open) - The Committee will hear presentations by and hold discussions with representatives of the NRC staff and NIST regarding the License Renewal Application for the NIST Reactor, the associated NRC staff's revised final SER, and related matters.

10:00 A.M. - 12:00 P.M.: Draft Final Regulatory Guides 1.21 and 4.1 (Open) - The Committee

will hear presentations by and hold discussions with representatives of the NRC staff regarding Draft Final Regulatory Guide 1.21 (DG-1186), "Measuring, Evaluating, and Reporting Radioactive Materials in Liquid and Gaseous Effluents and Solid Wastes," and Draft Final Regulatory Guide 4.1 (DG-4013), "Radiological Environmental Monitoring for Nuclear Power Plants," and related matters.

1:00 P.M. - 3:00 P.M.: Pellet-Clad Interaction Failures under Extended Power Uprate Conditions

(Open/Closed) - The Committee will hear presentations by and hold discussions with representatives of the NRC staff and nuclear industry regarding pellet-clad interaction failures under extended power uprate conditions, and related matters. **[NOTE: A portion of this Session may be closed pursuant to 5 U.S.C. 552b (c)(4), to discuss project information that is proprietary to Global Nuclear Fuel (GNF) and/or Westinghouse, or their contractors.]**

3:15 P.M. - 4:45 P.M. Diversity and Defense-in-Depth Topical Report Associated with the

US-APWR Design (Open) The Committee will hear presentations by and hold discussions with representatives of the NRC staff and Mitsubishi Heavy Industries, Ltd., regarding the Diversity and Defense-in-Depth Topical Report and the associated NRC staff's Safety Evaluation Report associated with the US-Advanced Pressurized Water Reactor (US-APWR) Design, and related matters.

5:00 P.M. - 5:15 P.M.: Subcommittee Report (Open) - The Committee will hear a report by and hold discussions with the Chairmen of the Reliability and PRA Subcommittee regarding (i) proposed Rev. 1 to Regulatory Guide 1.205, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants," and proposed Standard Review Plan Section 9.5.1.2, "Risk-Informed, Performance-Based Fire Protection, (ii) development of guidelines for performing human reliability analysis in fire probabilistic risk assessments, and (iii) risk metrics for new light-water reactor risk-informed applications, that were discussed during the meeting on June 1-2, 2009.

5:15 P.M. - 7:00 P.M.: Preparation of ACRS Reports (Open) - The Committee will discuss proposed ACRS reports on matters discussed during this meeting.

THURSDAY, JUNE 4, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, 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.: Quality Assessment of Selected Research Projects (Open) - The Committee will hear reports by and hold discussions with the members of the ACRS Panels regarding the quality assessment of the NRC research projects on: NUREG/CR-6964, "Crack Growth Rates and Metallographic Examinations of Alloy 600 and Alloy 82/182 from Field and Laboratory Materials Testing in PWR Environments," and Draft NUREG/CR-XXXX, "Diversity Strategies for Nuclear Power Plant Instrumentation and Control Systems."

9:45 A.M. - 10:45 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 other matters related to the conduct of ACRS business. **[NOTE: A portion of this Session 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.]**

10:45 A.M. - 11:00 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.

11:15 A.M. - 12:15 P.M.: Discussion of Topics for Meeting with the Commission (Open) The Committee will discuss the following topics scheduled for the meeting with the Commission on June 4, 2009: Crediting Containment Accident Pressure in the NPSH Calculations, Pressurized Thermal Shock Rule, Digital Instrumentation and Control Matters, Options to Revise NRC

Regulations Based on the International Commission on Radiation Protection (ICRP) Recommendations, and Progress on Recommendations of the Independent External Review Panel on the Materials Licensing Program.

1:30 P.M. – 3:30 P.M.: Meeting with the Commission (Open) – The Committee will meet with the Commission at the Commissioners' Conference Room, One White Flint North, to discuss the topics noted above.

4:00 P.M. - 7:00 P.M.: Preparation of ACRS Reports (Open) - The Committee will discuss proposed ACRS reports.

FRIDAY, JUNE 5, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

8:30 A.M. - 12:30 P.M.: Preparation of ACRS Reports (Open) - The Committee will continue its discussion of proposed ACRS reports.

12:30 P.M. - 1:00 P.M.: Miscellaneous (Open) - The Committee will discuss 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.

Procedures for the conduct of and participation in ACRS meetings were published in the *Federal Register* on October 6, 2008, (73 FR 58268-58269). In accordance with those procedures, oral or written views may be presented by members of the public, including representatives of the nuclear industry. Electronic recordings will be permitted only during the open portions of the meeting. Persons desiring to make oral statements should notify the Cognizant ACRS staff named below five days before the meeting, if possible, so that appropriate arrangements can be made to allow necessary time during the meeting for such statements. 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. Information regarding the time to be set aside for this purpose may be obtained by contacting the Cognizant ACRS staff prior to the

meeting. 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.

In accordance with Subsection 10(d) P.L. 92-463, I have determined that it may be necessary to close a portion of this meeting noted above to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of ACRS, and information the release of which constitute a clearly unwarranted invasion of personal privacy pursuant to 5 U.S.C. 552b(c)(2) and (6). In addition it may be necessary to close portion of the meeting to protect information designated as proprietary by Global Nuclear Fuel and/or Westinghouse or their contractors pursuant to 5 U.S.C. 552b(c)(4).

Further information regarding topics to be discussed, whether the meeting has been canceled or rescheduled, as well as the Chairman's ruling on requests for the opportunity to present oral statements and the time allotted therefor can be obtained by contacting Girija Shukla, Cognizant ACRS staff (301-415-6855), between 7:15 a.m. and 5:00 p.m. (ET). ACRS meeting agenda, meeting transcripts, and letter reports are available through the NRC Public Document Room at 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 document system (ADAMS) 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 for observing ACRS meetings 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.

