



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

December 14, 2007

MEMORANDUM TO: Carol A. Brown, Technical Secretary  
Advisory Committee on Reactor Safeguards

FROM: William J. Shack /RA/  
ACRS Chairman

SUBJECT: MINUTES OF THE 547th MEETING OF THE ADVISORY  
COMMITTEE ON REACTOR SAFEGUARDS (ACRS),  
November 1 - 3, 2007

I certify that based on my review of the minutes from the 547th ACRS Full Committee meeting, and to the best of my knowledge and belief, I have observed no substantive errors or omissions in the record of this proceeding subject to the comments noted below.

NA

Comments

ADAMS Accession: ML073470905

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<b>NAME</b>	JFlack		
<b>DATE</b>	12/13/2007		

CERTIFIED

Date Issued: 12/14/07  
Date Certified: 12/13/07

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During its 547<sup>th</sup> meeting, November 1-3, 2007, the Advisory Committee on Reactor Safeguards (ACRS) discussed several matters and completed the following report and letters.

### REPORT

Report to Dale E. Klein, Chairman, NRC, from William J. Shack, Chairman, ACRS:

- Staff's Implementation of Lessons Learned from Reviews of Early Site Permit Applications, dated November 19, 2007.

### LETTERS

Letters to Luis A. Reyes, Executive Director for Operations, NRC, from William J. Shack, Chairman, ACRS:

- Interim Letter: Southern Nuclear Operating Company Application for the Vogtle Early Site Permit and the Associated NRC Safety Evaluation Report with Open Items, dated November 20, 2007.
- Interim Letter: Chapters 2, 5, 8, 11, 12, and 17 of the NRC Staff's Safety Evaluation Report with Open Items Related to the Certification of the ESBWR Design, dated November 20, 2007.

MINUTES OF THE 547th MEETING OF THE  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
**November 1-3, 2007**  
ROCKVILLE, MARYLAND

The **547nd** meeting of the Advisory Committee on Reactor Safeguards (ACRS) was held in Conference Room 2B3, Two White Flint North Building, Rockville, Maryland, on **November 1 - 3, 2007**. Notice of this meeting was published in the *Federal Register* on **October 22, 2007** (72 FR 203) (Appendix I). The purpose of this meeting was to discuss and take appropriate action on the items listed in the meeting schedule and outline (Appendix II). The meeting was open to public attendance.

A transcript of selected portions of the meeting is available in the NRC's Public Document Room at One White Flint North, Room 1F-19, 11555 Rockville Pike, Rockville, Maryland. Copies of the transcript are available for purchase from Neal R. Gross and Co., Inc., 1323 Rhode Island Avenue, NW, Washington, DC 20005. Transcripts are also available at no cost to download from, or review on, the Internet at <http://www.nrc.gov/ACRS/ACNW>.

#### ATTENDEES

ACRS Members: Dr. William J. Shack (Chairman), Dr. Mario V. Bonaca (Vice-Chairman), Dr. Dennis Bley, Dr. Said Abdel-Khalik (Member-at-Large), Dr. Sam Armijo, Dr. Sanjoy Banerjee, Dr. Michael Corradini, Mr. Otto L. Maynard, Dr. Dana A. Powers, Mr. Jack Sieber, and Mr. John Stetkar. For a list of other attendees, see Appendix III.

#### I. Chairman's Report (Open)

[Note: Mr. Sam Duraiswamy was the Designated Federal Official for this portion of the meeting.]

Dr. William J. Shack, Committee Chairman, convened the meeting at 8:30 A.M. He announced in his opening remarks that the meeting was being conducted in accordance with the provisions of the Federal Advisory Committee Act. In addition, he reviewed the agenda for the meeting and noted that no written comments or requests for time to make oral statements from members of the public had been received. Dr. Shack also noted that a transcript of the open portions of the meeting was being kept and speakers were requested to identify themselves and speak with clarity and volume. He discussed the items of current interest and administrative details for consideration by the full Committee.

#### HIGHLIGHTS OF KEY ISSUES

##### 1. Extended Power Uprate Application for the Susquehanna Power Plant

[Note: Ms. Zena Abdullahi was the Designated Federal Official for this portion of the meeting.]

The Committee met with representatives of the NRC staff and Pennsylvania Power and Light Company (PPL, the licensee), to discuss the extended power uprate (EPU) application for the Susquehanna Steam Electric Station (SSES) and the associated NRC staff's safety evaluation (SE). The PPL application requested that operation of SSES Units 1 and 2 be increased from 3489 MWt to 3952 MWt, which corresponds to approximately 14% above the current licensed

thermal power. Previously, SSES received NRC approval for a 6 % power uprate (4.5% stretch power uprate in 1993, and 1.4% measurement uncertainty recapture uprate in 2001). The power uprate on both units is expected to be completed by 2010 and will make SSES Unit 1 and 2 the highest powered BWRs in the US. PPL plans to implement the full uprate in phases, with Unit 1 implementing the EPU in 2010 and Unit 2 in 2009. The meeting focused on the SSES plant response, safety systems and components capabilities, and performance at the extended power uprate. The applicant and staff described the analyses supporting the steam dryer integrity and performance and the adequacy of the planned steam dryer power ascension testing and monitoring at EPU conditions.

The review of the SSES EPU application also required a review of the fuel vendor's (AREVA) analytical methods and codes in order to ensure their applicability within the ranges for which they are qualified and benchmarked, as well as to ensure that the uncertainties accounting for their accuracy remain valid for the SSES EPU core thermal-hydraulic conditions. Based on the content of the staff's SE and the October 9 -10, 2007 Subcommittee meeting presentations and discussions, the Power Uprate Subcommittee determined that the AREVA methods review had unresolved technical issues that needed to be addressed in an updated SE. Another Power Uprate Subcommittee meeting was held on November 14, 2007 to address technical issues such as:

- Qualification data supporting the neutronic methods
- Propagation of the void quality correlation uncertainties to the safety analyses
- Reliability of the neutron monitoring instrumentation in the presence of bypass voiding
- Anticipated transient without scram (ATWS) instability analyses conclusions supporting the AREVA cores
- Potential for pellet-clad interaction (PCI) failures of the AERVA ATRIUM-10 non-barrier fuel used in SSES cores

## 2. Vogtle Early Site Permit (ESP) Application

[Note: Mr. David C. Fischer was the Designated Federal Official for this portion of the meeting.]

The Committee met with representatives of the NRC staff and Southern Nuclear Operating Company (SNC) to discuss the application submitted by SNC for the Vogtle ESP, and the associated NRC staff Safety Evaluation Report (SER) with Open Items. The Vogtle ESP application is different from previously reviewed ESP applications in two significant ways. The Vogtle ESP application references a specific reactor design, i.e., AP1000, rather than relying on a plant parameter envelope based on several reactor designs. The Vogtle ESP application also proposed complete and integrated emergency plans, including an emergency planning ITAAC [inspection, testing, and analyses acceptance criteria], rather than providing only major features of an emergency plan. These differences have probably resulted in fewer ESP conditions arising in the SER for the application. In the SER with Open Items the staff asked the applicant to further assess the post-construction hydrology of the site, the seismic hazard at the site, and weather extremes at the site.

3. Staff's Implementation of the Lessons Learned from the Review of ESP Applications

[Note: Mr. David C. Fischer was the Designated Federal Official for this portion of the meeting.]

In response to a November 8, 2006, Staff Requirements Memorandum, the Committee met with representatives of the NRC staff to discuss the efficiency and effectiveness of staff's implementation of lessons learned from its review of ESPs. The staff explained the extent to which it had implemented each recommendation in the Committee's September 22, 2006, letter to the Executive Director for Operations on ESP lessons learned.

4. Research Reports on Aircraft Impact Study – New Reactor Designs

[Note: Ms. Maitri Banerjee was the Designated Federal Official for this portion of the meeting.]

The Committee met with representatives of the NRC staff to discuss the results of the study performed to determine the vulnerabilities of an aircraft impact on new reactors of four designs, namely, the AP1000, ABWR, ESBWR, and the EPR. Because National Security Information and Safeguards Information were involved in this briefing, it was closed to the public. The staff stated that, as specified by the Commission, pertinent information from the study has been provided to the properly cleared individuals in the industry involved in new reactor designs. The staff has initiated a similar study for the US-APWR design, the results of which will be available in 2008.

5. ESBWR Design Certification Review

[Note: Mr. Gary Hammer was the Designated Federal Official for this portion of the meeting.]

The Committee met with representatives of the NRC staff and General Electric – Hitachi Nuclear Energy Americas, LLC, (GEH) to discuss six Chapters from the staff's SER with Open Items related to the ESBWR design certification application. At the request of the staff, we agreed to review the staff's SER on a chapter-by-chapter basis to help timely completion of the review, as well as effective resolution of our concerns prior to issuing the final SER. The staff and GEH described SER Chapters 2, 5, 8, 11, 12, and 17 with open items and combined license (COL) action items. During this meeting, the Committee identified issues in addition to those that the staff identified in these SER Chapters. One of these issues relates to the need for the staff to investigate the adequacy of controls on post-weld grinding to prevent degradation of the resistance of austenitic stainless steels and nickel-based alloys to various stress corrosion cracking mechanisms. Another issue relates to the need for more controls on reactor coolant water chemistry in order to prevent irradiation assisted stress corrosion cracking of materials.

6. Draft ACRS Report on the NRC Safety Research Program

[Note: Mr. Hossein P. Nourbakhsh was the Designated Federal Official for this portion of the meeting.]

The ACRS provides the Commission a biennial report presenting the Committee's observations and recommendations concerning the overall NRC Safety Research Program. During the November 2007 meeting, the Committee discussed the draft ACRS 2008 report on the NRC Safety Research Program. The Committee also discussed the scope of long-term research the Agency needs to consider.

7. Executive Session

[Note: Mr. Frank Gillespie was the Designated Federal Official for this portion of the meeting.]

A. RECONCILIATION OF ACRS COMMENTS AND RECOMMENDATIONS/EDO COMMITMENTS

- The Committee considered the EDO's response of October 24, 2007, to comments and recommendations included in the September 26, 2007, ACRS letter on the RES staff's proposed resolution of Generic Issue 156.6.1, "Pipe Break Effects on Systems and Components Inside Containment." The Committee decided that it was satisfied with the EDO's response.
- The Committee considered the EDO's response of October 26, 2007, to comments and recommendations included in the September 26, 2007, ACRS report on the review of the license renewal application for the Pilgrim Nuclear Power Station. The Committee decided that it was satisfied with the EDO's response.

OTHER RELATED ACTIVITIES OF THE COMMITTEE

The following Subcommittee meetings were held during the period from October 6, 2007, through October 31, 2007:

- Power Upgrades — October 9-10, 2007

The Subcommittee reviewed the application by PPL for an extended power uprate for Susquehanna Steam Electric Station Units 1 and 2 and the associated staff's safety evaluation.

- Early Site Permits — October 24, 2007

The Subcommittee reviewed the application submitted by SNC for the Vogtle ESP and the associated NRC staff's Draft Safety Evaluation Report (DSER) with Open Items. The Subcommittee also discussed the efficiency and effectiveness of staff's implementation of lessons learned from its review of ESP applications.

- ESBWR — October 25, 2007

The Subcommittee discussed several SER Chapters with Open Items associated with the ESBWR design certification application.

- AP1000 — October 31, 2007

The Subcommittee discussed the AP1000 design and related issues resulting from the proposed revisions to 10 CFR Part 52, Appendix D.

- Planning and Procedures — October 31, 2007

The Subcommittee discussed proposed ACRS activities, practices, and procedures for conducting Committee business and organizational and personnel matters relating to ACRS and its staff.

### LIST OF MATTERS FOR THE ATTENTION OF THE EDO

- The Committee plans to continue its discussion on the Extended Power Uprate application for the Susquehanna Steam Electric Station during its December 6-8, 2007, meeting.
- The Committee plans to review the final SER on the Vogtle ESP application during a future meeting.
- The Committee plans to review the staff's resolution of the open items in SER Chapters 2, 5, 8, 11, 12, and 17 associated with the ESBWR design certification application during future meetings. Since many of the systems described in these chapters may interact with systems discussed in other SER chapters, the committee plans to review the safety implications of any system interactions during future meetings.
- The Committee would like the opportunity to review ESBWR reactor coolant system (RCS) chemistry controls in future meetings.
- The Committee plans to continue its discussion of the draft ACRS report on the NRC Safety Research Program during its December 6-8, 2007, meeting.

### PROPOSED SCHEDULE FOR THE 548th ACRS MEETING

The Committee agreed to consider the following topics during the 548th ACRS meeting, to be held on December 6-8, 2007:

- Draft Final NUREG-1829, "Estimating Loss-of-Coolant Accident (LOCA) Frequencies Through the Elicitation Process," and Draft NUREG-XXXX, "Seismic Considerations for the Transition Break Size"
- AREVA Enhanced Option III Long Term Stability Solution (Topical Report ANP-10262)
- State-of-the-Art Reactor Consequence Analysis (SOARCA)
- Draft ACRS Report on the NRC Safety Research Program
- Extended Power Uprate Application for the Susquehanna Nuclear Power Plant

B. REPORT ON THE MEETING OF THE PLANNING AND PROCEDURES  
SUBCOMMITTEE HOLD ON OCTOBER 31, 2007

### **Review of the Member Assignments and Priorities for ACRS Reports and Letters for the November ACRS Meeting**

Member assignments and priorities for ACRS reports and letters for the November ACRS meeting are attached. Reports and letters that would benefit from additional consideration at a future ACRS meeting were discussed.



### **Anticipated Workload for ACRS Members**

The anticipated workload for ACRS members through February 2008 is attached. The objectives are to:

- Review the reasons for the scheduling of each activity and the expected work product and to make changes, as appropriate
- Manage the members' workload for these meetings
- Plan and schedule items for ACRS discussion of topical and emerging issues

During this session, the Subcommittee also discussed and developed recommendations on items requiring Committee action.

### **ACRS/ACNW&M Operating Plan, Self-Assessment, and Letter Matrix**

The ACRS/ACNW&M operating plans, self-assessments, and letter matrices were sent to the Commission on October 25, 2007. Comments received from the members were incorporated into the final version.

### **Election of Officers for CY 2008**

During its December meeting, the Committee will elect Chairman and Vice Chairman for the ACRS and Member-at-Large for the Planning and Procedures Subcommittee. Section 8.4 of the ACRS Bylaws state "A member may withdraw his name from consideration by written notice to the Executive Director, no later than two weeks before the scheduled election." Accordingly, those members who do not wish to be considered for all or any of the Offices should notify the ACRS Executive Director in writing by November 23, 2007.

### **ACRS Retreat in 2008**

The Committee held its last retreat on January 26-27, 2006. During that retreat the Committee, among other items, discussed a proposed response to the Commission request, noted below, in the December 20, 2005 SRM.

Following its retreat in January 2006, the ACRS should inform the Commission how the Committee plans to manage the increased workload resulting from the anticipated receipt of new reactor designs and combined license applications.

The Committee decided not to have a retreat in 2007. The Committee needs to decide whether it wants to hold a retreat in 2008.

### **Proposed Revisions to ACRS Subcommittee Structure**

The ACRS Subcommittee structure is being revised. This will include changes to member/staff assignments. A revised Subcommittee structure will be sent to the members following the November ACRS meeting for review and comment. During the December meeting a revised version, incorporating the members' comments, will be provided to the Committee for endorsement.

### **Quadripartite Working Group Meeting**

The Quadripartite Working Group (WG) meeting on Sump Screen Blockage was held in Germany on October 17-18, 2007. Drs. Banerjee and Wallis along with Zena Abdullahi and Mugeh Afshar-Tous attended this meeting. ACRS had the lead on: Overview of U.S. Investigations/Analyses; and Downstream and Chemical Effects on Sump Screen Blockage. Dr. Banerjee should provide a summary of the highlights of this meeting along with actions, agreements, assignments, and follow-up items resulting from this meeting.

France's Groupe Permanent Réacteurs (GPR) will host the second Quadripartite WG meeting in Paris, France on the general topic of "EPR." The ACRS members attending this working group meeting are Dr. Powers, Dr. Bonaca, and Mr. Stetkar. Dr. Powers, Chairman of the EPR Subcommittee, proposed the following topics:

- PRA
- Digital I&C
- Fire Risk
- Quality Assurance

GPR will not be able to host this meeting on October 9-10, 2008 and the other three Quadripartite Meeting member countries have suggested October 16-17, 2008, which is not suitable for ACRS.

GPR is unable to host a Digital I&C WG meeting in October 2008 because the analysis of the detailed I&C for EPR will be presented to the GPR at the end of 2008. Therefore, Japan's Nuclear Safety Commission (NSC) will host the third Quadripartite WG meeting in Japan on the general topic of "Digital I&C" in October 2009.

### **Christmas Party**

The members have been sponsoring a Christmas party to the ACRS/ACNW&M Office staff in December of each year. The Committee should decide whether it wants to keep up with this tradition.

### **Interview of a Candidate for Membership on the ACRS**

The members are scheduled to interview a candidate with expertise in the Digital I&C area during the November ACRS meeting. The ACRS Member Candidate Screening Panel interviewed this candidate on October 24, 2007. Subsequent to the interview, the ACRS Chairman should provide feedback to the Screening Panel through the ACRS Executive Director.

### **Revised EPRI Guidance on Long-term Storage of LLW at NPPs**

NEI is supporting an update of EPRI's 1995 voluntary guidance to its members concerning the long-term storage of LLW at nuclear powerplants. NEI has been coordinating this activity with the NRC Office of Federal and State Materials Environmental Management programs (FSME). Following internal NRC review and comment, NEI would like the staff to issue an Information Notice acknowledging NRC endorsement/acceptance of this voluntary guidance. In parallel to the NEI/EPRI

initiative, FSME also has an effort under way to update its LLW storage guidance to its materials licensees. It is assumed that the timetable for completion of both of these efforts will take place before closure of the Barnwell LLW disposal facility to out-of-compact waste in June 2008.

Consistent with its other LLW activities, and because the ACNW&M will be reviewing the FSME LLW storage guidance, it is being proposed that the ACNW&M comment on the revised EPRI guidance on behalf of both the ACRS and the ACNW&M.

## **Member Issue**

### April 2008 ACRS Meeting Dates

Dr. Powers requests that the April 2008 ACRS meeting currently scheduled for April 3-5, 2008 be changed to April 10-12, 2008.

### C. Future Meeting Agenda

Appendix IV summarizes the proposed items endorsed by the Committee for the 548<sup>th</sup> ACRS Meeting, December 6-8, 2007.

The 547<sup>th</sup> ACRS Meeting was adjourned at 1:00 PM, November 3, 2007.

## NUCLEAR REGULATORY COMMISSION

### Advisory Committee on Reactor Safeguards; Meeting Notice

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 November 1–3, 2007, 11545 Rockville Pike, Rockville, Maryland. The date of this meeting was previously published in the **Federal Register** on Wednesday, November 15, 2006 (71 FR 66561).

#### Thursday, November 1, 2007, 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.–10:30 a.m.: Extended Power Uprate Application for the Susquehanna Nuclear Power Plant* (Open/Closed)—The Committee will hear presentations by and hold discussions with representatives of the NRC staff and the Pennsylvania Power & Light Company regarding the Extended Power Uprate Application for the Susquehanna Nuclear Power Plant, and the associated NRC staff's Safety Evaluation.

**Note:** A portion of this session may be closed to protect information that is proprietary to General Electric, AREVA, and their contractors pursuant to 5 U.S.C. 552b (c) (4).

*10:45 a.m.–11:45 a.m.: Meeting with Commissioner Peter B. Lyons* (Open)—The Committee will hold a discussion with Commissioner Lyons on items of mutual interest.

*12:45 p.m.–2:45 p.m.: Vogtle Early Site Permit (ESP) Application* (Open)—The Committee will hear presentations by and hold discussions with representatives of the NRC staff and Southern Nuclear Operating Company regarding Vogtle ESP application, and the associated NRC staff's Safety Evaluation Report with Open Items.

*3 p.m.–4 p.m.: Staff's Implementation of the Lessons Learned from the Review of ESP Applications* (Open)—The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding the effectiveness and efficiency of the staff's implementation of the lessons learned from the review of ESP applications.

*4:15 p.m.–6:15 p.m.: Assessment of the Robustness of New Nuclear Plants*

(Room T-10E8) (Closed)—The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding the assessment of the robustness of new nuclear plants.

**Note:** This session will be closed to protect information classified as National Security information as well as safeguards information pursuant to 5 U.S.C. 552b (c) (1) and (3).

*6:30 p.m.–7:15 p.m.: Preparation of ACRS Reports* (Open)—The Committee will discuss proposed ACRS reports.

#### Friday, November 2, 2007, 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.–10:30 a.m.: Selected Chapters of the SER Associated with the ESBWR Design Certification* (Open/Closed)—The Committee will hear presentations by and hold discussions with representatives of the NRC staff and General Electric regarding selected chapters of the SER with Open Items associated with the ESBWR design certification.

**Note:** A portion of this session may be closed to protect information that is proprietary to General Electric and their contractors pursuant to 5 U.S.C. 552b (c) (4).

*10:45 a.m.–11:30 a.m.: Future ACRS Activities/Report of the Planning and Procedures Subcommittee* (Open)—The Committee will discuss the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future meetings. Also, it will hear a report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments.

*11:30 a.m.–11:45 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 p.m.–3 p.m.: Draft ACRS Report on the NRC Safety Research Program* (Open)—The Committee will discuss the draft ACRS report on the NRC Safety Research Program.

*3:15 p.m.–7 p.m.: Preparation of ACRS Reports* (Open)—The Committee will discuss proposed ACRS reports.

#### Saturday, November 3, 2007, Conference Room T-2b3, Two White Flint North, Rockville, Maryland

*8:30 a.m.–1:30 p.m.: Preparation of ACRS Reports* (Open)—The Committee will continue its discussion of proposed ACRS reports, as well as the draft ACRS report on the NRC Safety Research Program.

*1:30 p.m.–2 p.m.: Miscellaneous* (Open)—The Committee will discuss 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.

Procedures for the conduct of and participation in ACRS meetings were published in the **Federal Register** on September 26, 2007 (72 FR 54695). 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) Public Law 92-463, I have determined that it may be necessary to close portions of this meeting noted above to discuss and protect information classified as proprietary to General Electric, AREVA, and their contractors pursuant to 5 U.S.C 552b (c) (4) and National Security, as well as Safeguards information pursuant to 5 U.S.C. 552b (c) (1) and (3).

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 Mr. Giriga S. Shukla, Cognizant ACRS

staff (301-415-8439), between 7:30 a.m. and 4 p.m., (ET). ACRS meeting agenda, meeting transcripts, and letter reports are available through the NRC Public Document Room at [pdrc@nrc.gov](mailto:pdrc@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/\(ACRS & ACNW Mtg schedules/agendas\)](http://www.nrc.gov/reading-rm/doc-collections/(ACRS%20&ACNW%20Mtg%20schedules/agendas)).

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. 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.

The ACRS meeting dates for Calendar Year 2008 are provided below:

ACRS Meeting No.	Meeting dates
—	January 2008 (No Meeting).
549	February 7-9, 2008.
550	March 6-8, 2008.
551	April 3-5, 2008.
552	May 8-10, 2008.
553	June 4-6, 2008 (Wed-Fri).
554	July 9-11, 2008 (Wed-Fri).
—	August (No Meeting).
555	September 4-6, 2008.
556	October 2-4, 2008.
557	November 6-8, 2008.
558	December 4-6, 2008.

Dated: October 16, 2007.

**Andrew L. Bates,**

*Advisory Committee Management Officer.*

[FR Doc. E7-20773 Filed 10-19-07; 8:45 am]

BILLING CODE 7590-01-P

## NUCLEAR REGULATORY COMMISSION

### Withdrawal of Regulatory Guides

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Withdrawal of Regulatory Guides 9.1, 9.2, and 9.3.

**FOR FURTHER INFORMATION CONTACT:** Marquis P. Orr, U.S. Nuclear Regulatory

Commission, Washington, DC 20555-0001, telephone: 301-415-6373 or e-mail [MPO1@nrc.gov](mailto:MPO1@nrc.gov).

#### SUPPLEMENTARY INFORMATION:

##### I. Introduction

The U.S. Nuclear Regulatory Commission (NRC) is withdrawing Regulatory Guide 9.1, "Regulatory Staff Position Statement on Antitrust Matters," published December 1973; Regulatory Guide 9.2, "Information Needed by the NRC Staff in Connection with its Antitrust Review of Construction Permit Applications for Nuclear Power Plants," initially published October 1974, and revised June 1976; and Regulatory Guide 9.3, "Information Needed by the AEC Regulatory Staff in Connection with its Antitrust Review of Operating License Applications for Nuclear Power Plants," published October 1974. The NRC is withdrawing these three regulatory guides because they are no longer required.

These three regulatory guides address the antitrust review conducted by the staff during the evaluation of new plant construction and operating license applications. The review was required by Section 105.c of the Atomic Energy Act of 1954, as amended. Section 625 of the Energy Policy Act of 2005 (Pub. L. 109-058) removed the NRC's authority to perform these antitrust reviews for applications submitted after the date of enactment of the law. The Energy Policy Act of 2005 was passed by the U.S. Congress on July 29, 2005, and signed into law by President George W. Bush on August 8, 2005. Consequently, the staff has determined that Regulatory Guides 9.1, 9.2, and 9.3 are no longer required.

##### II. Further Information

The withdrawal of Regulatory Guides 9.1, 9.2, and 9.3 does not, in and of itself, alter any prior or existing licensing commitments based on their use. The guidance provided in these regulatory guides is no longer applicable. Regulatory guides may be withdrawn when their guidance is superseded by congressional action or otherwise no longer provides useful information.

Regulatory guides are available for inspection or downloading through the NRC's public Web site under "Regulatory Guides" in the NRC's Electronic Reading Room at <http://www.nrc.gov/reading-rm/doc-collections>. Regulatory guides are also available for inspection at the NRC's Public Document Room (PDR), Room O-1F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland

20852-2738. The PDR's mailing address is U.S. NRC PDR, Washington, DC 20555-0001. The PDR staff can be reached by telephone at 301-415-4737 or 800-397-4209, by fax at 301-415-3548, and by e-mail to [pdrc@nrc.gov](mailto:pdrc@nrc.gov).

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Dated at Rockville, Maryland, this 12th day of October, 2007.

For the Nuclear Regulatory Commission.

**Michael R. Johnson,**

*Deputy Director, Office of Nuclear Regulatory Research.*

[FR Doc. E7-20730 Filed 10-19-07; 8:45 am]

BILLING CODE 7590-01-P

## NUCLEAR REGULATORY COMMISSION

### Withdrawal of Regulatory Guide

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Withdrawal of Regulatory Guide 9.4.

#### FOR FURTHER INFORMATION CONTACT:

Marquis P. Orr, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, telephone: 301-415-6373 or e-mail [MPO1@nrc.gov](mailto:MPO1@nrc.gov).

#### SUPPLEMENTARY INFORMATION:

##### I. Introduction

The U.S. Nuclear Regulatory Commission (NRC) is withdrawing Regulatory Guide 9.4, "Suggested Format for Cash Flow Statements Submitted as Guarantees of Payment of Retrospective Premiums," which was issued for comment in September 1978. Regulatory Guide 9.4 proposes a format for cash flow statements to be submitted by the licensee to demonstrate compliance with title 10 of the *Code of Federal Regulations* (10 CFR), subpart 140.21, "Licensee guarantees of payment of deferred premiums." The method described in Regulatory Guide 9.4 unnecessarily duplicates other financial and insurance verification documents submitted by the licensees to demonstrate compliance with other sections of 10 CFR part 140. Rather than submit separate cash flow and financial assurance statements, licensees may submit proof of sufficient insurance bonding through American Nuclear Insurers or similar insurance groups. This insurance bond meets the requirements of 10 CFR 140.21(a) and eliminates the need for a separate cash flow statement.

October 16, 2007

**SCHEDULE AND OUTLINE FOR DISCUSSION  
547<sup>th</sup> ACRS MEETING  
NOVEMBER 1-3, 2007**

**THURSDAY, NOVEMBER 1, 2007, 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 - 10:30 A.M.  
10:37 Extended Power Uprate Application for the Susquehanna Nuclear  
Power Plant (Open/Closed) (SB/ZA)
  - 2.1) Remarks by the Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the  
NRC staff and the Pennsylvania Power & Light Company  
regarding the Extended Power Uprate Application for the  
Susquehanna Nuclear Power Plant, and the associated  
NRC staff's Safety Evaluation.

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

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

~~10:30 - 10:45 A.M.~~ **\*\*\*BREAK\*\*\***  
~~10:37 - 10:52~~

~~10:52 - 11:38~~ **Continued Susquehanna discussion**

- 3) ~~10:45 - 11:45 A.M.~~ ~~Meeting with Commissioner Peter B. Lyons (Open) (WJS/GSS)~~  
~~CANCELLED~~ ~~Remarks by the ACRS Chairman~~
  - ~~3.2) Discussions with Commissioner Lyons on items of mutual  
interest.~~

~~11:45 - 12:45 P.M.~~ **\*\*\*LUNCH\*\*\***  
~~11:38 -~~

- 4) 12:45 - 2:45 P.M. Vogtle Early Site Permit (ESP) Application (Open) (DAP/DCF)  
4.1) Remarks by the Subcommittee Chairman  
4.2) Briefing by and discussions with representatives of the NRC staff and Southern Nuclear Operating Company regarding Vogtle ESP application, and the associated NRC staff's Safety Evaluation Report with Open Items.

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

**2:45 - 3:00 P.M.**  
**-3:15** **\*\*\*BREAK\*\*\***

- 5) 3:00 - 4:00 P.M.  
3:15 - 4:08 Staff's Implementation of the Lessons Learned from the Review of ESP Applications (Open) (DAP/DCF)  
5.1) Remarks by the Subcommittee Chairman  
5.2) Briefing by and discussions with representatives of the NRC staff regarding the effectiveness and efficiency of the staff's implementation of the lessons learned from the review of ESP applications.

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

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

- 6) 4:15 - 6:15 P.M. Assessment of the Robustness of New Nuclear Plants (Closed) (Room T-10E8) (MVB/MB)  
6.1) Remarks by the Subcommittee chairman  
6.2) Briefing by and discussions with representatives of the NRC staff regarding the assessment of the robustness of new nuclear plants.

**[Note: This session will be closed to protect information classified as National Security information as well as safeguards information pursuant to 5 U.S.C. 552b (c) (1) and (3).]**

**6:15 - 6:30 P.M.** **\*\*\*BREAK\*\*\***

- 7) 6:30 - 7:15 P.M. Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:  
7.1) Extended Power Uprate Application for the Susquehanna Nuclear Power Plant (SB/ZA)  
7.2) Vogtle Early Site Permit Application (DAP/DCF)  
7.3) Staff's Implementation of Lessons Learned from the Review of ESP Applications (DAP/DCF)

**FRIDAY, NOVEMBER 2, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

8) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (WJS/CS/SD)

9) 8:35 - 10:30 A.M.  
9:53 Selected Chapters of the SER Associated with the ESBWR Design Certification (Open/Closed) (MLC/CGH)

9.1) Remarks by the Subcommittee Chairman

9.2) Briefing by and discussions with representatives of the NRC staff and General Electric regarding selected chapters of the SER With Open Items associated with the ESBWR design certification.

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

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

**~~10:30 - 10:45 A.M.~~  
9:53 - 10:45** **\*\*\*BREAK\*\*\***

10) 10:45 - 11:30 A.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (WJS/FPG/SD)

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

10.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments.

11) 11:30 - 11:45 A.M. Reconciliation of ACRS Comments and Recommendations (Open) (WJS, et al./SD, 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 - 1:00 P.M.** **\*\*\*LUNCH\*\*\***

12) 1:00 - 3:00 P.M. Draft ACRS Report on the NRC Safety Research Program (Open) (DAP/HPN)

12.1) Remarks by the Subcommittee Chairman

12.2) Discussion of the draft ACRS report on the NRC Safety Research Program

**3:00 - 3:15 P.M.** **\*\*\*BREAK\*\*\***



- 13) 3:15 - 7:00 P.M. Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:
- 13.1) Extended Power Uprate Application for the Susquehanna Nuclear Power Plant (SB/ZA)
  - 13.2) Vogtle Early Site Permit (ESP) Application (DAP/DCF)
  - 13.3) Staff's Implementation of lessons learned from the Review of ESP Applications (DAP/DCF)
  - 13.4) Selected Chapters of the SER Associated with the ESBWR Design Certification (MLC/CGH)

**SATURDAY, NOVEMBER 3, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 14) 8:30 - 4:30 P.M. Preparation of ACRS Reports (Open)  
1:00 Continue discussion of proposed ACRS reports listed under Item 13, as well as the draft ACRS report on the NRC Safety Research Program.
- ~~15) 1:30 - 2:00 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.

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

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
547th FULL COMMITTEE MEETING

November 1 - 3, 2007

PLEASE PRINT CLEARLY

**NRC Attendees**

TODAY'S DATE: November 1, 2007

	<u><b>NAME</b></u>	<u><b>NRC ORGANIZATION</b></u>
1	<u>Bruce Musico</u>	<u>NSIR/DPR</u>
2	<u>Charles Cox</u>	<u>NRO/DSER</u>
3	<u>Mark D. Notich</u>	<u>NRO/DSER/RAP1</u>
4	<u>Joseph Hoch</u>	<u>NRO/DSER/RSAC</u>
5	<u>G. Stirewalt</u>	<u>NRO/DSER/RGS2</u>
6	<u>Rebecca Karas</u>	<u>NRO/DSER</u>
7	<u>Chris Cook</u>	<u>NRO/DSER</u>
8	<u>Jonathan Rund</u>	<u>OGC</u>
9	<u>Laurel Bauer</u>	<u>NRO/DSER</u>
10	<u>Brett Klukan</u>	<u>OGC</u>
11	<u>David Ball</u>	<u>NRO/DSER</u>
12	<u>Yong Li</u>	<u>NRO/DSER</u>
13	<u>Sarah Gonzalez</u>	<u>NRO/DSER</u>
14	<u>Zahira Cruz Perez</u>	<u>NRO/DSER</u>
15	<u>Brad Harvey</u>	<u>NRO/DSER</u>
16	<u>David Matthews</u>	<u>NRO/DNRL</u>
17	<u>Weisun Wang</u>	<u>NRO/DSER</u>
18	<u>Thomas Galletta</u>	<u>NRO/DSER</u>
19	<u>Stephen R. Montague</u>	<u>NRO/DNRL</u>
20	<u>Stephen Schaeffer</u>	<u>NRO/DCIP</u>
21	<u>Jenise Thomspson</u>	<u>NRO/DSER</u>
22	<u>Michelle Hart</u>	<u>NRO/DSER</u>
23	<u>Goutam Bagchi</u>	<u>NRO/DSER</u>
24	<u>Cliff Munson</u>	<u>NRO/DSER</u>
25	<u>Frankie G. Vega</u>	<u>NRO/DSER</u>
26	<u>Stephanie Coffin</u>	<u>NRO/DNRL</u>
27	<u>James George</u>	<u>NRO/DSER</u>
28	<u>Jesse Arildsem</u>	<u>NSIR</u>

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
547th FULL COMMITTEE MEETING

November 1 - 3, 2007

PLEASE PRINT CLEARLY

**NRC Attendees**

TODAY'S DATE: November 1, 2007

<u>NAME</u>	<u>NRC ORGANIZATION</u>
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ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
547th FULL COMMITTEE MEETING

November 1 - 3, 2007

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**NRC Attendees** - TODAY'S DATE: November 2, 2007

	<u><b>NAME</b></u>	<u><b>NRC ORGANIZATION</b></u>
1	JC Dehmel	NRO
2	Brad Harvey	NRO/DSER
3	Yong Li	NRO
4	James George	NRO/DSER
5	Eric Oesterle	NRO/DSER
6	Don Dube	NRO/DSRA
7	Ilka Berrios	NRO/DNRL
8	Ed Roach	NRO/DCIP
9	Sara Bernal	NRO/DCIP
10	George Thomas	NRO/DSRA
11	Manny Comar	NRO/DNRL
12	Richard McIntire	NRO/DCIP
13	Seshagin Raotammano	NRO/DSER
14	Charles Cox	NRO/DSER
15	George B. Georgiev	NRO/DE
16	John A. Nakoski	NRO/DCIP
17	Thomas A. Galletta	NRO/DEER
18	Blake Rice	NRO/DCIP
19	H. Li	NRO/DSRA
20	Chang Li	NRO/DSRA
21	Sang Rhow	NRO/DE
22	Kim Gross	NRO/DE
23	Jang Lee	NRO/DSER
24	Rebecca Karas	NRO/DSER
25	Lamros Lois	NRR/DSA
26	Joe Donoghue	NRO/DSRA
27	Tim Frye	NRO
28	Andrea Johnson	NRO/DNRL
29	Ken See	NRO/DSER
30	Amy Cubbage	NRO/DNRL

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
547th FULL COMMITTEE MEETING

November 1 - 3, 2007

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**Visitors**

TODAY'S DATE: November 1, 2007

	<u><b>NAME</b></u>	<u><b>ORGANIZATION</b></u>
1	Jim Davis	Southern Nuclear
2	Chuck Pierce	Southern Nuclear
3	Leslie Kass	NEI
4	Russ Bell	NEI
5	Tom McCallum	Southern Nuclear
6	Don Moore	Southern Nuclear
7	Jeff Kimball	Defense Nuclear Facilities Safety Bd.
8	Bob Prunty	Southern Nuclear
9	Milton Concepcion	NRO/DCIP
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ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
547th FULL COMMITTEE MEETING

November 1 - 3, 2007

PLEASE PRINT CLEARLY

**Visitors**

TODAY'S DATE: November 2, 2007

	<u><b>NAME</b></u>	<u><b>ORGANIZATION</b></u>
1	J. Alan Beard	GE Hitachi
2	Rick Wachowiae	GEH
3	Jerry Deaver	GEH
4	Brian Frew	GEH
5	James Kinsey	GE-Hitachi
6	Jennifer Bowie	GEH
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November 14, 2007

**SCHEDULE AND OUTLINE FOR DISCUSSION  
548th ACRS MEETING  
DECEMBER 6-8, 2007**

**THURSDAY, DECEMBER 6, 2007, 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 - 10:30 A.M. Draft Final NUREG-1829, "Estimating Loss-of-Coolant Accident (LOCA) Frequencies Through the Elicitation Process," and Draft NUREG-XXXX, "Seismic Considerations for the Transition Break Size" (Open) (GEA/GSS)  
2.1) Remarks by the Subcommittee Chairman  
2.2) Briefing by and discussions with representatives of the NRC staff regarding draft NUREG reports on estimating LOCA frequencies through the expert elicitation process and on seismic considerations for the Transition Break Size.

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

**10:30 - 10:45 A.M. \*\*\*BREAK\*\*\***

- 3) 10:45 - 12:15 P.M. AREVA Enhanced Option III Long Term Stability Solution (Topical Report ANP-10262) (Open/Closed) (SAK/ZA)  
3.1) Remarks by the Subcommittee Chairman  
3.2) Briefing by and discussions with representatives of the NRC staff and AREVA regarding AREVA Topical Report ANP-10262 on Enhanced Option III Long Term Stability Solution

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

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

**12:15 - 1:15 P.M. \*\*\*LUNCH\*\*\***

- 4) 1:15 - 3:15 P.M. State-of-the-Art Reactor Consequence Analysis (SOARCA)  
(Open/Closed) (WJS/HPN)
- 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff regarding State-of-the-Art Reactor Consequence Analysis.

**[Note: A portion of this session may be closed to discuss and protect information classified as National Security information as well as Safeguards information pursuant to 5 U.S.C. 552b (c) (1) and (3).]**

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

**3:15 - 3:30 P.M. \*\*\*BREAK\*\*\***

- 5) 3:30 - 5:30 P.M. Draft ACRS Report on the NRC Safety Research Program (Open)  
(DAP/HPN)
- 5.1) Remarks by the Subcommittee Chairman
  - 5.2) Discussion of the draft ACRS report on the NRC Safety Research Program.

**5:30 - 5:45 P.M. \*\*\*BREAK\*\*\***

- 6) 5:45 - 7:00 P.M. Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:
- 6.1) Draft Final NUREG-1829 on LOCA Frequencies and Draft NUREG-XXXX on Seismic Considerations for the Transition Break Size (GEA/GSS)
  - 6.2) AREVA Topical Report ANP-10262 on Enhanced Option III Long Term Stability Solution (SAK/ZA)
  - 6.3) State-of-the-Art Reactor Consequence Analysis (WJS/HPN)

**FRIDAY, DECEMBER 7, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 7) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (WJS/CS/SD)
- 8) 8:35 - 11:15 A.M. Extended Power Uprate Application for the Susquehanna Nuclear Power Plant (Open/Closed) (SB/ZA)  
**(10:00-10:15 A.M. BREAK)**
- 8.1) Remarks by the Subcommittee Chairman
  - 8.2) Briefing by and discussions with representatives of the NRC staff and the Pennsylvania Power & Light Company regarding the Extended Power Uprate Application for the Susquehanna Nuclear Power Plant 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 General Electric and their contractors pursuant to 5 U.S.C. 552b (c) (4).]**

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

- 11:15 - 11:30 A.M.**     **\*\*\*BREAK\*\*\***
- 9)     11:30 - 12:00 P.M.     Subcommittee Report (Open) (MLC/CGH)  
Report by and discussion with the Chairman of the ACRS Subcommittee on ESBWR regarding items discussed during the meeting on November 15, 2007.
- 12:00 - 1:30 P.M.**     **\*\*\*LUNCH\*\*\***
- 10)     1:30 - 2:30 P.M.     Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (WJS/FPG/SD)  
10.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.  
10.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments.
- 11)     2:30 - 2:45 P.M.     Reconciliation of ACRS Comments and Recommendations (Open) (WJS, et al./SD, et al.)  
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.
- 12)     2:45 - 3:15 P.M.     Election of ACRS Officers for CY 2008 (Open) (FPG/SD)  
Election of the Chairman and Vice-Chairman for the ACRS and Member-at-Large for the Planning and Procedures Subcommittee for CY 2008.
- 3:15 - 3:30 P.M.**     **\*\*\*BREAK\*\*\***
- 13)     3:30 - 7:00 P.M.     Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:  
13.1) Draft Final NUREG-1829 on LOCA Frequencies and Draft NUREG-XXXX on Seismic Considerations for the Transition Break Size (GEA/GSS)  
13.2) AREVA Topical Report ANP-10262 on Enhanced Option III Long Term Stability Solution (SAK/ZA)  
13.3) State-of-the-Art Reactor Consequence Analysis (SOARCA) (WJS/HPN)

- 13.4) Extended Power Uprate Application for the Susquehanna Nuclear Power Plant (SB/ZA)

**SATURDAY, DECEMBER 8, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 14) 8:30 - 1:00 P.M. Preparation of ACRS Reports (Open)  
**(10:30-10:45 A.M. BREAK)** Continue discussion of proposed ACRS reports listed under Item 13, as well as the draft ACRS report on the NRC Safety Research Program.
- 15) 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.

**LIST OF DOCUMENTS PROVIDED TO THE COMMITTEE  
547th ACRS MEETING  
November 1-3, 2007**

**MEETING HANDOUTS**

<u>AGENDA ITEM #</u>	<u>DOCUMENTS/HANDOUTS LISTED IN ORDER</u>
1.	<u>Opening Remarks by the ACRS Chairman</u>
2.	<u>Extended Power Uprate Application for the Susquehanna Nuclear Power Plant</u> <ol style="list-style-type: none"> <li>1. Susquehanna Steam Electric Station – Slides from PPL</li> <li>2. ECCS Performance (LOCA) Susquehanna EPU – Slides from NRR/Diane Jackson and Peter Lien in DSS</li> <li>3. CPPU Containment Analysis – Slides from PPL, John Bartos</li> </ol>
4.	<u>Vogtle Early Site Permit (ESP) Application</u> <ol style="list-style-type: none"> <li>4. Southern Nuclear Vogtle ESP Application Presentation – Slides from Southern Nuclear</li> <li>5. Safety Review of the Vogtle Early Site Permit Application – Slides from NRO/DNRL, Christian Araguas</li> </ol>
5.	<u>Staff's Implementation of the Lessons Learned from the Review of ESP Applications</u> <ol style="list-style-type: none"> <li>6. Review of the Implementation of Lessons Learned from Early Site Permits – NRO/DNRL, Christian Araguas</li> </ol>
6.	Assessment of the Robustness of New Nuclear Plants (Closed)\
7.	<u>Preparation of ACRS Report</u>
8.	<u>Opening Remarks by Chairman, Friday, November 2, 2007</u>
9.	<u>Selected Chapters of the SER Associated with the ESBWR Design Certification</u> <ol style="list-style-type: none"> <li>7. Review of Selected Chapters of ESBWR Safety Evaluation Report with Open Items – Schedule of the Session</li> <li>8. ESBWR – Overview – Slides from Hitachi Nuclear Energy</li> <li>9. ESBWR Design Certification and Review, Chapters 2, 5, 8, 11, 12 and 17 – Slides from NRO, Amy Cabbage</li> </ol>
10.	<u>Future ACRS Activities/Report of the Planning and Procedures Subcommittee</u> <ol style="list-style-type: none"> <li>10. Items of Interest</li> </ol>
11.	<u>Reconciliation of ACRS Comments and Recommendations</u> <ol style="list-style-type: none"> <li>11. Reconciliation of ACRS Comments and Recommendations</li> </ol>

[Note: Some documents listed herein may have been provided or prepared for the Committee use only. These documents must be reviewed prior to release to the public.]

\*\*Copies of most of the handouts can be obtained through the transcript copy found in the Agency Document Management System (ADAMS) or a complete set can be requested by calling the ACRS office of the NRC.