



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

October 29, 2007

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

FROM: William J. Shack /RA/
ACRS Chairman

SUBJECT: MINUTES OF THE 545th MEETING OF THE ADVISORY
COMMITTEE ON REACTOR SAFEGUARDS (ACRS),
September 6-8, 2007

I certify that based on my review of the minutes from the 545th 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



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NA

Comments

ADAMS Accession: ML072990555

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NAME	JFlack		
DATE	10/29/2007		

CERTIFIED

Date Issued: 10/29/07
Date Certified: 10/29/07

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REPORTS:

The following reports to Dale E. Klein, Chairman, NRC, from William J. Shack, Chairman, ACRS:

1. Development of a Technology-Neutral Regulatory Framework, dated September 26, 2007.
2. Report on the Safety Aspects of the License Renewal Application for the Pilgrim Nuclear Power Station, dated September 26, 2007.

LETTER:

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

1. Proposed Recommendation for Resolving Generic Issue 156.6.1, "Pipe Break Effects on Systems and Components Inside Containment," September 26, 2007.

MEMORANDUM:

The following memorandum to Luis A. Reyes, Executive Director for Operations, NRC, from, Frank P. Gillespie, Executive Director, ACRS:

1. Draft Final Amendment to 10 CFR 50.55a, "Codes and Standards," and Revisions to Regulatory Guides Regarding ASME Code Cases, dated September 13, 2007.

APPENDICES

- I. *Federal Register Notice*
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MINUTES OF THE 545th MEETING OF THE
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
September 6-8, 2007
ROCKVILLE, MARYLAND

The **545th** meeting of the Advisory Committee on Reactor Safeguards (ACRS) was held in Conference Room 2B3, Two White Flint North Building, Rockville, Maryland, on **September 6-8, 2007**. Notice of this meeting was published in the *Federal Register* on **August 14, 2007** (72 FR 45452) (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. Said Abdel-Khalik (Member-at-Large), Dr. George E. Apostolakis, Dr. Sam Armijo, Dr. Michael Corradini, Mr. Otto L. Maynard, Dr. Dana A. Powers 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.

II. Final Review of the License Renewal Application for the Pilgrim Nuclear Power Station

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

The Committee met with the representatives of the Entergy Nuclear Operations, Inc. (Entergy, the applicant) and the NRC staff to discuss the license renewal application for the Pilgrim Nuclear Power Station (PNPS) and the associated final Safety Evaluation Report (SER). The operating license for PNPS expires on June 8, 2012. The applicant has requested approval for continued operation for a period of 20 years beyond the current license expiration date. The applicant stated that Pilgrim does not have the same scoping issues identified as the Vermont

Yankee (VY) license renewal application because different scoping methodologies were used for PNPS. The applicant described the resolution of the open items related to the containment inservice inspection program, neutron fluence, and intrusion of groundwater into the torus room, as well as the actions taken and the commitments made to resolve these issues.

The applicant addressed the open item associated with neutron fluence by committing to complete the benchmarking of the code used in the fluence calculation. The applicant committed to submit a correctly benchmarked fluence calculation to the NRC on or before June 8, 2010, to confirm that the limiting fluence value will not be reached during the period of the extended operation. The staff is making the applicant's commitment a license condition to ensure adequate resolution of this issue. Regarding groundwater intrusion into the torus room, the applicant committed to enhance the structures monitoring program and perform periodic testing of the water for aggressiveness to concrete.

The staff described its review and inspection of the applicant's scoping, screening, and aging management programs; the program implementation at PNPS; and resolution of the open items. The staff also confirmed that the applicant has committed to follow the Generic Aging Lessons Learned Report, without exceptions, regarding monitoring of the cumulative usage factor for environmentally assisted fatigue. The staff stated that it plans to issue a supplemental SER to document this commitment.

III. Revisions to Standard Review Plan (SRP) Sections 19.0 and 19.2

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

The Committee met with representatives of the NRC staff to discuss revisions to SRP Sections 19.0, "Probabilistic Risk Assessment and Severe Accident Evaluation for New Reactors," and 19.2, "Review of Risk Information Used to Support Permanent Plant-Specific Changes to the Licensing Basis: General Guidance."

SRP Section 19.0 is associated with Regulatory Guide 1.206 (Combined License Applications for Nuclear Power Plants) and provides guidance to NRC staff reviewers for evaluating the content of combined license (COL) applications. The staff stated that design certification (DC) and COL applicants are required to submit a "description of their PRA and its results." The staff outlined the scope and level of detail that a COL applicant's probabilistic risk assessment (PRA) must meet. The staff also summarized the requirements for updating and upgrading COL holders' PRAs. The staff elaborated on what the description of an applicant's PRA should include and what results the staff expects to see in an applicant's submittal. The staff mentioned that additional guidance in several areas related to PRA is needed and it plans to issue interim staff guidance (ISG) to convey this additional guidance to industry.

SRP Section 19.2 is associated with Revision 1 to Regulatory Guide 1.174 (An Approach for Using Probabilistic Assessment in Risk-Informed Decisions on Plant-Specific Changes to the Licensing Basis) and provides guidance to NRC staff reviewers for evaluating risk-informed changes to a plant's licensing basis. A member expressed concern that the modeling of digital instrumentation and control (I&C) systems in PRAs may not be adequate because the failure modes of digital I&C systems are not well understood. Another member expressed concern that the word "large" as used in the expressions "large early release frequency" (LERF) and "large release frequency" (LRF) is not well defined.

IV. Proposed Recommendation for Resolving Generic Issue 156.6.1, "Pipe Break Effects on Systems and Components Inside Containment"

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

The Committee met with representatives of the NRC staff to discuss the proposed recommendation for resolving Generic Issue 156.6.1, "Pipe Break Effects on Systems and Components Inside Containment." The staff described the history of the issue, its prioritization through the Generic Issues Program, the specific investigations performed for Boiling Water Reactors (BWRs) and Pressurized Water Reactors (PWRs), and the outcome of these analyses. This issue was relevant to reactors that were designed and licensed prior to the issuance of the first SRP. Investigations narrowed the focus of the possible effects of pipe whip and jet impingement inside containment to the possible breach of the containment shell in BWR Mark 1 plants and the possible failure of instrumentation and control systems in PWRs. More detailed and quantitative analyses showed that for the 51 plants that originally fell within the scope of this issue, the designs were satisfactory and that no further actions were required on

V. Status of NRR Activities in the Fire Protection Area

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

The Committee met with representatives of the NRR staff to discuss the ongoing NRC activities in the fire protection area. The staff described several major activities, including those associated with implementation of the National Fire Protection Association (NFPA) Standard 805, "Fire-Induced Multiple Spurious Actuations and Manual Operator Actions." The staff discussed the plants that are transitioning to the NFPA 805 Standard and the lessons learned, as well as the status of industry guidance development for fire modeling. The staff also provided its views on the Nuclear Energy Institute multiple spurious actuation methodology and recent interaction with industry in addressing this issue. In addition, the staff discussed post-fire manual operator actions and recent staff guidance for addressing this issue. The staff also provided an update on the Hemyc and MT fire barrier issue, and the industry progress in addressing Generic Letter 2006-03, "Potentially Nonconforming Hemyc and MT Fire Barrier Configurations."

VI. Subcommittee Report on Plant License Renewal

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

The Chairman of the Plant License Renewal Subcommittee provided a report to the Committee summarizing the results of the September 5, 2007, meeting with the NRC staff and representatives of Entergy to review the draft SER with Open Items related to the license renewal application for the James A. Fitzpatrick Nuclear Power Plant. The current operating license expires on October 17, 2014. Entergy submitted the license renewal application on July 31, 2006. The staff's draft SER was issued on July 31, 2006, and contains two open items and no confirmatory items. The two open items are related to reactor vessel neutron fluence and environmentally assisted fatigue. For determining reactor vessel neutron fluence, the staff finds that the projected fluence values are unacceptable. Entergy stated that it will submit a new fluence calculation to the staff for review. Entergy also stated that it will demonstrate that cumulative usage factors (CUF) of the most fatigue sensitive locations are less than 1.0 throughout the license renewal period, and it will submit the results of the CUF calculations to

the staff for review and approval. Other discussion topics included drywell and torus monitoring, and torus repair.

VII. Draft Report on Quality Assessment of Selected NRC Research Projects

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

The Committee was briefed by the members of the ACRS panels regarding the results of their assessment of the quality of the NRC research projects on Cable Response to Live Fire (CAROLFIRE) Testing, Fatigue Crack Flaw Tolerance in Nuclear Power Plant Piping, and Technical Review of the Online Monitoring Techniques for Performance Assessment.

VIII. Draft ACRS Report on the NRC Safety Research Program

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

The ACRS provides the Commission a biennial report that presents the Committee's observations and recommendations concerning the overall NRC Safety Research Program. During the September 2007 meeting, the Committee was briefed by the lead members of ACRS regarding the status of their evaluation of research activities in specific technical disciplines.

IX. Executive Session (Open)

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

A. RECONCILIATION OF ACRS COMMENTS AND RECOMMENDATIONS/EDO COMMITMENTS

The Committee discussed the response from the NRC Executive Director of Operations (EDO) to ACRS comments and recommendations included in recent ACRS reports:

- The Committee considered the EDO's response of August 20, 2007, to comments and conclusions included in the July 24, 2007, ACRS report concerning the staff's approach to verifying the closure of inspections, tests, analyses, and acceptance criteria (ITAAC) through a sample-based inspection program. The Committee decided that it was satisfied with the EDO's response.
- The Committee considered the EDO's response of July 30, 2007, to comments and recommendations included in the June 22, 2007, ACRS letter concerning General Electric (GE) Licensing Topical Reports on Maximum Extended Load Line Limit Analysis Plus (MELLLA+) and Applicability of GE Methods to Expanded Operating Domains. The Committee decided that it was satisfied with the EDO's response. In its response, the EDO committed to the following:
 - **The modifications identified during ACRS discussions associated with anticipated transients without scram (ATWS) instability will be included in the final Safety Evaluation prepared by the staff.**

- **The Committee will be provided the opportunity to review the first few plant-specific MELLLA+ applications, and any significant changes in the final Safety Evaluation prepared by the staff, including any changes to the limitations. The Committee will be provided the opportunity to review any future significant changes to the limitations currently applied to the safety limit already defined in the minimum critical power ratio (MCPR), the operating limit MCPR, and on bypass voiding.**
- The Committee considered the EDO's response of August 29, 2007, to conclusions and recommendations included in the July 27, 2007, ACRS letter on draft NUREG/CR, titled, "Review of NUREG-0654, Supplement 3, 'Protective Action Recommendations for Severe Accidents'." The Committee decided that it was satisfied with the EDO's response.
- The Committee considered the EDO's response of July 23, 2007, to comments and recommendations included in the June 18, 2007, ACRS letter concerning the final draft NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire." The Committee decided that it was satisfied with the EDO's response.
- The Committee considered the EDO's response of July 11, 2007, to comments and recommendations included in the May 23, 2007, ACRS letter regarding proposed technical basis for the revision to 10 CFR 50.46 LOCA embrittlement criteria for fuel cladding materials. The Committee decided to discuss this matter during a future meeting.

OTHER RELATED ACTIVITIES OF THE COMMITTEE

The following Subcommittee meetings were held during the period from July 13, 2007, through September 5, 2007:

- Plant Operations – August 14 – 16, 2007

The Subcommittee visited NRC Region IV offices and the San Onofre Nuclear Generating Station (SONGS) to discuss plant operations issues.

- Planning and Procedures – September 5, 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.

- Plant License Renewal - September 5, 2007

The Subcommittee reviewed the license renewal application and the associated NRC staff's Safety Evaluation Report with Open Items for the James A. Fitzpatrick Nuclear Power Plant.

LIST OF MATTERS FOR THE ATTENTION OF THE EDO

- The Committee would like the opportunity to review the AP1000 technical reports related to PRA (and associated draft safety evaluation) that will form the basis, in part, for anticipated amendment to the AP1000 certified design.
- The Committee plans to discuss the final draft report on the results of its assessment of the quality of the selected NRC research projects during its October 2007 meeting.
- The Committee plans to continue discussion on its draft report on the NRC Safety Research Program during its October 2007 meeting.
- The Committee plans to discuss the final SER related to the license renewal application for the James A. Fitzpatrick Nuclear Power Plant during a future meeting.
- The Committee plans to discuss the report on the proposed technical basis for the revision to 10 CFR 50.46 LOCA embrittlement criteria for fuel cladding materials during a future meeting.

PROPOSED SCHEDULE FOR THE 546th ACRS MEETING

The Committee agreed to consider the following topics during the 546th ACRS meeting, to be held on October 4-6, 2007:

- Digital I&C Project Plan and Interim Staff Guidance
- Draft final Generic Letter 2007-XX, "Managing Gas Intrusion in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems"
- Dissimilar Metal Weld Issue
- Draft ACRS Report on the NRC Safety Research Program
- Draft final Report on Quality Assessment of Selected NRC Research Projects
- Meeting with NEI, EPRI, and INPO to discuss Industry Activities

B. Report on the Meeting of the Planning and Procedures Subcommittee Held on September 5, 2007

Review of the Member Assignments and Priorities for ACRS Reports and Letters for the October ACRS Meeting

Member assignments and priorities for ACRS reports and letters for the October ACRS meeting were discussed. 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 December 2007 was discussed. 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 discussed and developed recommendations on items requiring Committee action.

Operating Plan, Self-Assessment, and Letter Matrix

The ACRS staff is in the process of preparing the ACRS/ ACNW&M Operating Plan for 2008. This is in three parts, 2008 operations, resources, and annual self-assessment. Contained within the annual self-assessment is the traditional letter matrix. The current due date to the Commission is November 1, 2007. An early draft was provided to the Planning and Procedures Subcommittee members on September 5, 2007 for information and comment as appropriate. A draft was sent to all ACRS members on September 28, 2007. The information is similar to last year's plan reformatted to eliminate material wherever possible.

Quadripartite Working Group Meeting

France's Groupe Permanent Réacteurs (GPR) will host the second Quadripartite Working Group (WG) meeting in France on the general topic of "EPR". The proposed dates are as follows:

October 9-10, 2008 OR
October 16-17, 2008 OR
October 23-24, 2008

GPR is asking for specific items/topics that the Committee would like to discuss at this WG meeting. Dr. Powers, Chairman of the EPR Subcommittee, proposes the following topics:

PRA
Digital I&C
Fire Risk
Quality Assurance

In addition, Dr. Powers recommends that the Committee authorize him, Dr. Bonaca, and Mr. Stetkar to attend this WG meeting.

Proposed ACRS Meeting Dates for CY 2008

Proposed ACRS meeting dates from CY 2008 are summarized below. This was provided to the members during the September meeting for comment. We have received no comments.

<u>Meeting No.</u>	<u>Dates</u>
***	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

Proposed List of Research Projects for Quality Assessment in FY 2008

A list of research projects proposed by RES for quality assessment in FY 2008 was discussed. In view of the anticipated heavy workload, the Committee should select a maximum of 2 topics for quality assessment. Dr. Powers has selected the following two projects and an alternate:

FRAPCON/FRAPTRAN Code Work at PNNL (Dr. Powers, Panel Chair)
NUREG-6943, "Study of Remote Visual Methods to Detect Cracking in Reactor Components" (Dr. Armijo, Panel Chair)

Alternate: Baseline Risk Index for Initiating Events (BRIE) as documented in NUREG/CR 6932, June 2007.

Proposed Assignments for Reviewing Revisions to Regulatory Guides

During the September 2007 ACRS meeting, the Committee was informed of the RES staff's plan to update, as necessary, all NRC Regulatory Guides by December 2009. These updates will be performed in three phases:

- Phase 1, involving revisions to Regulatory Guides applicable to future plant licensing, was completed in March 2007.
- Phases 2 and 3 Regulatory Guides updates will be completed in December 2008 and December 2009, respectively.

At the September meeting, the ACRS staff committed to provide a list of proposed assignments for reviewing Phase 2 Regulatory Guides for consideration by the Subcommittee and the full Committee during their October meetings. These assignments may be changed, as needed, to balance the workload among the members.

C. Future Meeting Agenda

Appendix IV summarizes the proposed items endorsed by the Committee for the **546th** ACRS Meeting, **October 4-6, 2007**.

The **545th** ACRS meeting was adjourned at **12:00 PM, September 8, 2007**.

and (a)(2)(B)(II.B.) (shift in production to a foreign country) have not been met. TA-W-61,687; *The GSI Group, Inc., Vandalia, IL.*

The investigation revealed that criteria (a)(2)(A)(I.C.) (increased imports) and (a)(2)(B)(II.B.) (shift in production to a foreign country) have not been met. TA-W-61,742; *Sypris Technologies, Inc., A Subsidiary of Sypris Solutions, Kenton, OH.*

TA-W-61,845; *NYC American, Inc., Brooklyn, NY.*

The workers' firm does not produce an article as required for certification under Section 222 of the Trade Act of 1974.

TA-W-61,662; *Metso Paper USA, Inc., Roll Service Shop, Appleton, WI.*

TA-W-61,778; *Integrated Brands, Inc., Divisional Coolbrands International, Ronkonkoma, NY.*

TA-W-61,790; *State Farm Insurance, Regional Claims Office, Wheelersburg, OH.*

The investigation revealed that criteria of Section 222(b)(2) has not been met. The workers' firm (or subdivision) is not a supplier to or a downstream producer for a firm whose workers were certified eligible to apply for TAA.

None.

I hereby certify that the aforementioned determinations were issued during the period of July 30 through August 3, 2007. Copies of these determinations are available for inspection in Room C-5311, U.S. Department of Labor, 200 Constitution Avenue, NW., Washington, DC 20210 during normal business hours or will be mailed to persons who write to the above address.

Dated: August 8, 2007.

Linda G. Poole,

Certifying Officer, Division of Trade Adjustment Assistance.

[FR Doc. E7-15848 Filed 8-13-07; 8:45 am]

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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 September 6-8, 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, September 6, 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.: *Final Review of the License Renewal application for the Pilgrim Nuclear Power Station* (Open)—The Committee will hear presentations by and hold discussions with representatives of the NRC staff and Entergy Nuclear Operations, Inc. regarding the license renewal application for the Pilgrim Nuclear Power Station and the associated NRC staff's final Safety Evaluation Report.

10:45 a.m.-12:15 p.m.: *Revisions to Standard Review Plan (SRP) Sections 19.0 and 19.2* (Open)—The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding revisions to SRP Sections 19.0, "Probabilistic Risk Assessment and Severe Accident Evaluation for New Reactors," and 19.2, "Review of Risk Information Used to Support Permanent Plant Specific Changes to the Licensing Basis: General Guidance."

1:30 p.m.-3 p.m.: *Proposed Recommendations for Resolving Generic Safety Issue (GSI) 156.6.1, "Pipe Break Effects on Systems and Components Inside Containment"* (Open)—The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding the recommendations proposed by the staff for resolving GSI-156.6.1, and related matters.

3:15 p.m.-4:45 p.m.: *Status of NRR Activities in the Fire Protection Area* (Open)—The Committee will hear presentations by and hold discussions with representatives of the Office of Nuclear Reactor Regulation (NRR) regarding the status of ongoing and proposed NRR activities associated with fire protection.

5 p.m.-7 p.m.: *Preparation of ACRS Reports* (Open)—The Committee will discuss proposed ACRS reports on matters considered during this meeting, as well as a proposed ACRS report on Technology-Neutral Framework for Future Plant Licensing.

Friday, September 7, 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.-9:30 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.

9:30 a.m.-9:45 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.

9:45 a.m.-10 a.m.: *Subcommittee Report* (Open)—The Committee will hear a report by and hold discussions with the Chairman of the ACRS Subcommittee on Plant License Renewal regarding interim review of the license renewal application for the Fitzpatrick Nuclear Plant.

10:15 a.m.-11:45 a.m.: *Draft Report on Quality Assessment of Selected NRC Research Projects* (Open)—The Committee will discuss a draft ACRS report on the results of the quality assessment of the NRC research projects on: Fatigue Crack Flaw Tolerance in Nuclear Power Plant Piping; Cable Response to Live Fire (CAROLFIRE) Testing; and Technical Review of On-Line Monitoring Techniques for Performance Assessment.

12:45 p.m.-2:45 p.m.: *Draft ACRS Report on the NRC Safety Research Program* (Open)—The Committee will discuss a draft ACRS report on the NRC Safety Research Program.

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

Saturday, September 8, 2007, 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 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 October 2, 2006 (71 FR 58015). 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.

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. Sam Duraiswamy, Cognizant ACRS staff (301-415-7364), 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, 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).

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.

Dated: August 8, 2007.

J. Samuel Walker,

Acting Secretary of the Commission.

[FR Doc. E7-15887 Filed 8-13-07; 8:45 am]

BILLING CODE 7590-01-P

NUCLEAR REGULATORY COMMISSION

Advisory Committee on Reactor Safeguards; Subcommittee Meeting on Planning and Procedures; Notice of Meeting

The ACRS Subcommittee on Planning and Procedures will hold a meeting on September 5, 2007, Room T-2B1, 11545 Rockville Pike, Rockville, Maryland.

The entire meeting will be open to public attendance, with the exception of a portion that may be closed pursuant to 5 U.S.C. 552b(c)(2) and (6) to discuss organizational and personnel matters that relate solely to the internal personnel rules and practices of the ACRS, and information the release of which would constitute a clearly unwarranted invasion of personal privacy.

The agenda for the subject meeting shall be as follows:

Wednesday, September 5, 2007, 8:30 a.m.–10 a.m.

The Subcommittee will discuss proposed ACRS activities and related matters. The Subcommittee will gather information, analyze relevant issues and facts, and formulate proposed positions and actions, as appropriate, for deliberation by the full Committee.

Members of the public desiring to provide oral statements and/or written comments should notify the Designated Federal Official, Mr. Sam Duraiswamy (telephone: 301-415-7364) between 7:30 a.m. and 4 p.m. (ET) five days prior to the meeting, if possible, so that appropriate arrangements can be made. Electronic recordings will be permitted only during those portions of the meeting that are open to the public.

Further information regarding this meeting can be obtained by contacting the Designated Federal Official between 7:30 a.m. and 4 p.m. (ET). Persons planning to attend this meeting are urged to contact the above named individual at least two working days prior to the meeting to be advised of any potential changes in the agenda.

Dated: August 7, 2007.

Cayetano Santos,

Branch Chief, ACRS.

[FR Doc. E7-15889 Filed 8-13-07; 8:45 am]

BILLING CODE 7590-01-P

NUCLEAR REGULATORY COMMISSION

Advisory Committee on Reactor Safeguards (ACRS); Meeting of the Subcommittee on Plant License Renewal; Notice of Meeting

The ACRS Subcommittee on Plant License Renewal will hold a meeting on September 5, 2007, Room T-2B3, 11545 Rockville Pike, Rockville, Maryland.

The entire meeting will be open to public attendance.

The agenda for the subject meeting shall be as follows:

Wednesday, September 5, 2007—10:30 a.m. until 5 p.m.

The Subcommittee will discuss Fitzpatrick license renewal application and the associated Safety Evaluation Report (SER) prepared by the NRR staff. The Subcommittee will hear presentations by and hold discussions with representatives of the NRC staff, Entergy Nuclear Northeast, and other interested persons regarding this matter. The Subcommittee will gather information, analyze relevant issues and facts, and formulate proposed positions and actions, as appropriate, for deliberation by the full Committee.

Members of the public desiring to provide oral statements and/or written comments should notify the Designated Federal Official, Mr. Charles G. Hammer (telephone 301/415-7363) five days prior to the meeting, if possible, so that appropriate arrangements can be made. Electronic recordings will be permitted.

Further information regarding this meeting can be obtained by contacting the Designated Federal Official between 6:45 a.m. and 3:30 p.m. (ET). Persons planning to attend this meeting are urged to contact the above named individual at least two working days prior to the meeting to be advised of any potential changes to the agenda.

Dated: August 7, 2007.

Cayetano Santos,

Branch Chief, ACRS.

[FR Doc. E7-15890 Filed 8-13-07; 8:45 am]

BILLING CODE 7590-01-P

NUCLEAR REGULATORY COMMISSION

Notice of Sunshine Act Meetings

AGENCY HOLDING THE MEETINGS: Nuclear Regulatory Commission.

DATE: Weeks of August 13, 20, 27, September 3, 10, 17, 2007.

PLACE: Commissioners' Conference Room, 11555 Rockville Pike, Rockville, Maryland.

August 6, 2007

**SCHEDULE AND OUTLINE FOR DISCUSSION
545th ACRS MEETING
SEPTEMBER 6-8, 2007**

**THURSDAY, SEPTEMBER 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.
10:11 Final Review of the License Renewal Application for the Pilgrim Nuclear Power Station (Open) (OLM/MB)
 - 2.1) Remarks by the Subcommittee Chairman
 - 2.2) Briefing by and discussions with representatives of the NRC staff and Entergy Nuclear Operations, Inc. regarding the license renewal application for the Pilgrim Nuclear Power Station and the associated NRC staff's final Safety Evaluation Report.

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

~~10:30 - 10:45 A.M.~~ *****BREAK*****
10:11 - 10:47

- 3) ~~10:45 - 12:15 P.M.~~
10:47 - 12:25 Revisions to Standard Review Plan (SRP) Sections 19.0 and 19.2 (Open) (GEA/DCF)
 - 3.1) Remarks by the Subcommittee Chairman
 - 3.2) Briefing by and discussions with representatives of the NRC staff regarding revisions to SRP Sections 19.0, "Probabilistic Risk Assessment and Severe Accident Evaluation for New Reactors," and 19.2, "Review of Risk Information Used to Support Permanent Plant Specific Changes to the Licensing Basis: General Guidance."

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

~~12:15 - 1:30 P.M.~~ *****LUNCH*****
12:25

- 4) 1:30 - 3:00 P.M. Proposed Recommendations for Resolving Generic Safety Issue (GSI) 156.6.1, "Pipe Break Effects on Systems and Components Inside Containment" (Open) (WJS/DB)
 - 4.1) Remarks by the Subcommittee Chairman
 - 4.2) Briefing by and discussions with representatives of the NRC staff regarding the recommendations proposed by the staff for resolving GSI-156.6.1, and related matters.

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

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

- 5) 3:15 - 4:45 P.M. Status of NRR Activities in the Fire Protection Area (Open)
(OLM/CGH)
- 5.1) Remarks by the Subcommittee chairman
 - 5.2) Briefing by and discussions with representatives of the Office of Nuclear Reactor Regulation (NRR) regarding the status of ongoing and proposed NRR activities associated with fire protection.

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

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

- 6) 5:00 - 7:00 P.M. Preparation of ACRS Reports (Open)
Discussion of proposed ACRS reports on:
- 6.1) License Renewal Application for the Pilgrim Nuclear Power Station (OLM/MB)
 - 6.2) Revisions to Standard Review Plan Sections 19.0 and 19.2 (Tentative) (GEA/DCF)
 - 6.3) Proposed Recommendations for Resolving Generic Safety Issue 156.6.1, "Pipe Break Effects on Systems and Components Inside Containment" (WJS/DB)
 - 6.4) Technology-Neutral Framework for Future Plant Licensing (WJS/DCF)

FRIDAY, SEPTEMBER 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 - 9:30 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) 9:30 - 9:45 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.
- 10) 9:45 - 10:00 A.M. Subcommittee Report (Open) (MVB/CGH)
Report by and discussions with the Chairman of the Plant License Renewal Subcommittee regarding interim review of the license renewal application for the Fitzpatrick Nuclear Plant.
- 10:00 - 10:15 A.M. ***BREAK*****
- 11) 10:15 - 11:45 A.M. Draft Report on Quality Assessment of Selected NRC Research Projects (Open) (DAP/HPN)
11.1) Remarks by the Subcommittee Chairman
11.2) Discussion of a draft ACRS report on the results of the quality assessment of the NRC research projects on:
Fatigue Crack Flaw Tolerance in Nuclear Power Plant Piping; Cable Response to Live Fire (CAROLFIRE) Testing; and Technical Review of On-Line Monitoring Techniques for Performance Assessment.
- 11:45 - 12:45 P.M. ***LUNCH*****
- 12) 12:45 - 2:45 P.M. Draft ACRS Report on the NRC Safety Research Program (Open) (DAP, et.al/HPN, et.al)
12.1) Remarks by the Subcommittee Chairman
12.2) Discussion of the draft ACRS report on the NRC Safety Research Program.
- 2:45 - 3:00 P.M. ***BREAK*****
- 13) 3:00 - 7:00 P.M. Preparation of ACRS Reports (Open)
Discussion of proposed ACRS reports on:
13.1) License Renewal Application for the Pilgrim Nuclear Power Station (OLM/MB)
13.2) Revisions to Standard Review Plan Sections 19.0 and 19.2 (Tentative) (GEA/DCF)
13.3) Proposed Recommendations for Resolving Generic Safety Issue 156.6.1, "Pipe Break Effects on Systems and Components Inside Containment" (WJS/DB)
13.4) Technology-Neutral Framework for Future Plant Licensing (WJS/DCF)

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

- 14) 8:30 - 12:30 P.M. Preparation of ACRS Reports (Open)
(10:30-10:45 BREAK) Continue discussion of proposed ACRS reports listed under Item 13.
- 15) 12:30 - 1:00 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.

ACRS
MA
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SD/bjw
08/ /07

ACRS
CS
08/ /07

Filed: CM-180

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
545th FULL COMMITTEE MEETING

September 6-8, 2007

PLEASE PRINT CLEARLY

NRC Attendees

TODAY'S DATE: September 6, 2007

	<u>NAME</u>	<u>NRC ORGANIZATION</u>
1	<u>Martin Stutzke</u>	<u>RES/DRASP</u>
2	<u>Gerry Gulla</u>	<u>NRO/DSRA</u>
3	<u>Lyn Mrowca</u>	<u>NRO/DSRA</u>
4	<u>Mark Rubin</u>	<u>NRR/DRA</u>
5	<u>G. Parry</u>	<u>NRR/DRA</u>
6	<u>Ram Sulbaratha</u>	<u>NRO/DNRL</u>
7	<u>Theresa Clark</u>	<u>NRO/DSRA</u>
8	<u>Malcolm Patterson</u>	<u>NRO/DSRA</u>
9	<u>Sud Basu</u>	<u>RES/DRASP</u>
10	<u>Donnie Harrison</u>	<u>NRR/DSS</u>
11	<u>John Lai</u>	<u>NRO/DSRA</u>
12	<u>Harold Vander Molen</u>	<u>RES/DRASP</u>
13	<u>John Kaufman</u>	<u>RES/DRASP</u>
14	<u>Jack Foster</u>	<u>RES</u>
15	<u>Farouk Eltawila</u>	<u>RES/DRASP</u>
16	<u>Muhdi Reisi Fard</u>	<u>RES/DRASP</u>
17	<u>Alex Klein</u>	<u>NRR/DRA</u>
18	<u>Daniel Frumkin</u>	<u>NRR/DRA</u>
19	<u>Chuck Moulton</u>	<u>NRR/DRA</u>
20	<u>Harry Barrett</u>	<u>NRR/DRA</u>
21	<u>Pete Barbadoro</u>	<u>NRR/DRA</u>
22	<u>Paul Loin</u>	<u>NRR/DRA</u>
23	<u>Sunil Weerakody</u>	<u>NRR/DRA</u>
24	<u>Ray Gallucci</u>	<u>NRR/DRA</u>
25	<u>Naeem Iqbal</u>	<u>NRR/DRA</u>
26	<u>Perry Buckberg</u>	<u>NRR/DLR</u>
27	<u>James Medoff</u>	<u>NRR/DLR</u>
28	<u>Dan Hoang</u>	<u>NRR/DLR</u>

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
545th FULL COMMITTEE MEETING

September 6-8, 2007

PLEASE PRINT CLEARLY

NRC Attendees

TODAY'S DATE: September 6, 2007

<u>NAME</u>	<u>NRC ORGANIZATION</u>
29 D. Gettys	NRC
30 Dave Wrona	NRR/DLR
31 Jim Davis	NRR/RLR
32 Lambros Lois	NRR/DSS
33 Glenn Meyer	Region I
34 Donnie Ashley	NRR/RLRA
35 Ken Chang	NRR/DLR
36 Raj Auluck	NRR/DLR
37 Girija Shuckly	ACRS
38 Kim Green	NRR/DLR
39 Bill Rogers	NRR/DLR
40 Angelo Stubbs	NRO/DSRA
41 Steve Hoffman	NRR/DLR
42 Barry Elliott	NRR/DCI
43 Samson Lee	NRR/DLR
44 Farideh Saba	NRR/DLR
45 Zuhan Xi	NRR/DLR
46 Yeon-Ki Chung	NRR/DLR
47 Jonathan Rowley	NRR/DLR
48 Tommy Le	NRR/DLR
49 Chris Sydnor	NRR/DCI
50 Maurice Heath	NRR/DLR
51 Jon Thompson	NRR/DPR
52 Don Dube	NRO/DSRA
53 Ronaldo Jenkins	RES/DRASP
54	
55	

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
545th FULL COMMITTEE MEETING

September 6-8, 2007

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Visitors

TODAY'S DATE: September 6, 2007

	<u>NAME</u>	<u>ORGANIZATION</u>
1	<u>Reza Ahrable</u>	<u>Entergy</u>
2	<u>Steve Bethay</u>	<u>Entergy</u>
3	<u>Mike stroud</u>	<u>Entergy</u>
4	<u>Ed Sanchez</u>	<u>Entergy</u>
5	<u>David J. Lack</u>	<u>Entergy</u>
6	<u>Ted Ivy</u>	<u>Entergy</u>
7	<u>Franze-Josef Ulm</u>	<u>MIT for Entergy</u>
8	<u>Raymond Place</u>	<u>Entergy</u>
9	<u>John Dyckman</u>	<u>Entergy</u>
10	<u>Fred Mogolesko</u>	<u>Entergy</u>
11	<u>Andrew Taylor</u>	<u>Entergy</u>
12	<u>Alan Cox</u>	<u>Entergy</u>
13	<u>Garry G. Young</u>	<u>Entergy</u>
14	<u>Brian R. Sullivan</u>	<u>Entergy</u>
15	<u>David Mannae</u>	<u>Entergy</u>
16	<u>Rick Ploss</u>	<u>Entergy</u>
17	<u>Bryan Ford</u>	<u>Entergy</u>
18	<u>Jim Costerlio</u>	<u>Entergy</u>
19	<u>Jon Woodfield</u>	<u>ISL, Inc.</u>
20	<u>John Hufnagel</u>	<u>Exelon</u>
21	<u>John McCann</u>	<u>Entergy</u>
22	<u>Chalmer Myer</u>	<u>SNC</u>
23	<u>Terry Garrett</u>	<u>WCNOC</u>
24	<u>Paul Crawley</u>	<u>Stars/APS</u>
25	<u>Alan Levin</u>	<u>AREVA</u>
26	<u>Spyros Tramforos</u>	<u>LINK</u>

September 13, 2007

**SCHEDULE AND OUTLINE FOR DISCUSSION
546th ACRS MEETING
OCTOBER 4-6, 2007**

**THURSDAY, OCTOBER 4, 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. Digital Instrumentation and Controls (I&C) Project Plan and Interim Staff Guidance (Open) (GEA/GSS)
 - 2.1) Remarks by the Subcommittee Chairman
 - 2.2) 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, Diversity & Defense in Depth, Highly Integrated Control Room – Communications, and Highly Integrated Control Room – Human Factors, as well as the Digital I&C Project Plan.

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

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

- 3) 10:45 - 12:15 P.M. Draft Generic Letter 2007-XX, "Managing Gas Intrusion in ECCS, Decay Heat Removal, and Containment Spray Systems" (Open) (SAK/DB)
 - 3.1) Remarks by the Subcommittee Chairman
 - 3.2) Briefing by and discussions with representatives of the NRC staff regarding the Draft Generic Letter 2007-XX, "Managing Gas Intrusion in ECCS, Decay Heat Removal, and Containment Spray Systems."

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

12:15 - 1:30 P.M. *LUNCH*****

- 4) 1:30 - 3:00 P.M. Dissimilar Metal Weld Issue (Open) (WJS/CGH)
- 4.1) Remarks by the Subcommittee Chairman
 - 4.2) Briefing by and discussions with representatives of the NRC staff and nuclear industry regarding the advanced finite element analysis performed by the industry to provide basis for leak-before-break and the associated NRC staff's evaluation.

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

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

- 5) 3:15 - 5:15 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.

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

- 6) 5:30 - 7:00 P.M. Preparation of ACRS Reports (Open)
Discussion of proposed ACRS reports on:
- 6.1) Digital I&C Interim Staff Guidance (GEA/GSS)
 - 6.2) Draft Generic Letter 2007-XX, "Managing Gas Intrusion in ECCS, Decay Heat Removal, and Containment Spray Systems" (SAK/DB)
 - 6.3) Dissimilar Metal Weld Issue (WJS/CGH)

FRIDAY, OCTOBER 5, 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 - 11:00 A.M. Meeting with NEI, EPRI, and INPO to Discuss Industry Activities (Open) (OLM/MB)
- 8.1) Remarks by the Subcommittee chairman
 - 8.2) Briefing by and discussions with representatives of NEI, Electric Power Research Institute (EPRI), and Institute of Nuclear Power Operations (INPO) regarding industry activities.

11:00 - 11:15 A.M. *BREAK*****

- 9) 11:15 - 12:15 P.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (WJS/FPG/SD)
- 9.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.

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

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

- 10) 1:15 - 1:30 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.
- 11) 1:30 - 2:15 P.M. Draft Final Report on Quality Assessment of Selected NRC Research Projects (Open) (DAP/HPN)
11.1) Remarks by the Subcommittee Chairman
11.2) Discussion of the draft final ACRS report on the results of the quality assessment of the NRC research projects on: Fatigue Crack Flaw Tolerance in Nuclear Power Plant Piping; Cable Response to Live Fire (CAROLFIRE) Testing; and Technical Review of On-Line Monitoring Techniques for Performance Assessment.

2:15 - 2:30 P.M. *BREAK*****

- 12) 2:30 - 7:00 P.M. Preparation of ACRS Reports (Open)
Discussion of proposed ACRS reports on:
12.1) Digital I&C Interim Staff Guidance (GEA/GSS)
12.2) Draft Generic Letter 2007-XX, "Managing Gas Intrusion in ECCS, Decay Heat Removal, and Containment Spray Systems" (SAK/DB)
12.3) Dissimilar Metal Weld Issue (WJS/CGH)
12.4) Draft ACRS Report on the NRC Safety Research Program (DAP/HPN)

SATURDAY, OCTOBER 6, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 13) 8:30 - 12:00 P.M. Preparation of ACRS Reports (Open)
(10:30-10:45 A.M. BREAK) Continue discussion of proposed ACRS reports listed under Item 12.
- 14) 12:00 - 12:30 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.

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

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Filed: CM-180

**LIST OF DOCUMENTS PROVIDED TO THE COMMITTEE
545th ACRS MEETING
September 6-8, 2007**

MEETING HANDOUTS

<u>AGENDA ITEM #</u>	<u>DOCUMENTS/HANDOUTS LISTED IN ORDER</u>
1.	<u>Opening Remarks by the ACRS Chairman</u> 1. 1.Items of Interest
2.	<u>Final Review of the License Renewal Application for the Pilgrim Nuclear Power Station</u> 2. Pilgrim Nuclear Power Station License Renewal Safety Evaluation Report (Slides from Perry Buckberg, NRC/NRR) 3. Pilgrim Nuclear Power Station License Renewal (Slides from Entergy)
3.	<u>Revisions to Standard Review Plan (SRP) Sections 19.0 and 19.2</u> 4. Standard Review Plan (SRP) Sections 19.0 and 19.2 (Slides from NRC/NRO/DSRA)
4.	<u>Proposed Recommendations for Resolving Generic Safety Issue (GSI) 156.6.1, "Pipe Break Effects on Systems and Components Inside Containment"</u> 5. Policy Issue, Notation Vote dated May 19, 1993. Subject: Recommendation on Large Release Definition. (Memo from James M. Taylor, Executive Director for Operations, to The Commissioners.) 6. Information Bridge/Calculations in Support of a Potential Definition 7. An Approach For Estimating the Frequencies of Various Containment Failure Models and Bypass Events (NUREG/CR-6595, Rev 1) 8. GI-156.6.1, "Pipe Break Effects on Systems and Components Inside Containment (Slides from Harold Vander Molen (RES) & Abdul Sheikh (RES)
5.	<u>Status of the NRR Activities in the Fire Protection Area</u> 9. Fire Protection Program Briefing for the ACRS (Slides from NRR)
6.	<u>Preperation of ACRS Reportt</u>

[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.]

8. Future ACRS Activities/Report of the Planning and Procedures Subcommittee
10. Planning & Procedures Handout
9. Reconciliation of ACRS Comments and Recommendations
11. Reconciliation of ACRS Comments and Recommendations Handout
10. Subcommittee Report
11. Draft Report on Quality Assessment of Selected NRC Research Projects
12. Draft ACRS Report on the NRC Safety Research Program
13. Preperation of ACRS Reports

**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.

[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.]