



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

August 7, 2007

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

FROM: William J. Shack */RA/*  
ACRS Chairman

SUBJECT: MINUTES OF THE 543rd MEETING OF THE ADVISORY  
COMMITTEE ON REACTOR SAFEGUARDS (ACRS),  
June 6 - 8, 2007

I certify that based on my review of the minutes from the 543rd 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: ML072130278

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<b>NAME</b>	JFlack		
<b>DATE</b>	08/07/07		

CERTIFIED

Date Issued: 8/07/07  
Date Certified: 08/07/07

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**June 6 - 8, 2007**

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## LETTERS:

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

1. Draft Final NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire," dated June 18, 2007
2. General Electric (GE) Licensing Topical Reports on Maximum Extended Load Line Limit Analysis Plus (MELLLA+), and Applicability of GE Methods to Expanded Operating Domains, dated June 22, 2007

## MEMORANDA:

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

1. Review of the Final Rule to Amend 10 CFR Parts 19, 20 and 50: Occupational Dose Records, Labeling Containers, and the Total Effective Dose Equivalent (TEDE), dated June 12, 2007
2. Draft Regulatory Guide DG-1148, "Qualification of Safety-Related Battery Chargers and Inverters for Nuclear Power Plants," dated June 12, 2007
3. Draft Regulatory Guide DG-4012, "Minimization of Contamination and Radioactive Waste Generation in Support of Decommissioning," dated June 13, 2007
4. Draft Regulatory Guide DG-5019, "Reporting of Safeguards Events," dated June 12, 2007
5. Draft Regulatory Guide DG-5021, "Managing the Safety/Security Interface," dated June 12, 2007

## APPENDICES

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MINUTES OF THE 543<sup>rd</sup> MEETING OF THE  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
**June 6 - 8, 2007**  
ROCKVILLE, MARYLAND

The **543<sup>rd</sup>** meeting of the Advisory Committee on Reactor Safeguards (ACRS) was held in Conference Room 2B3, Two White Flint North Building, Rockville, Maryland, on **June 6 - 8, 2007**. Notice of this meeting was published in the *Federal Register* on **May 8, 2007** (72 FR **28083**) (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. Sanjoy Banerjee, Dr. Michael Corradini, Dr. Thomas S. Kress, Mr. Otto L. Maynard, and Dr. Dana A. Powers. 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. Draft NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire"

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

The Committee met with representatives of the NRC staff and the Nuclear Energy Institute (NEI) to discuss draft final NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire." The staff described the purpose of NUREG-1852 and summarized responses to the public comments. NUREG-1852 provides

technical guidance to determine whether proposed operator manual actions are feasible and can be performed reliably under a wide range of plant conditions. These actions must be not only feasible but also reliable because they are relied upon in lieu of passive fire barriers that have high reliability. The objective is to ensure that adequate safety is maintained when operator manual actions are used. NUREG-1852 will also help ensure consistent reviews of licensee requests for NRC approval of operator manual actions in response to fire.

A representative of NEI described some of the many public comments that were made on NUREG-1852 and stated that they disagree with the staff's resolutions.

### III. Maximum Extended Load Line Limit Analysis Plus (MELLLA+) and Supporting Topical Reports

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

The Committee met with representatives of the NRC staff and GE to discuss the staff's Safety Evaluations for GE Licensing Topical Reports NEDC-33006P, Revision 2, "General Electric Boiling Water Reactor Maximum Extended Load Line Limit Analysis Plus," and NEDC-33173P, "Applicability of GE Methods to Expanded Operating Domains." Representatives of GE presented an overview of the MELLLA+ expanded operating domain and supporting topical reports. GE accentuated the need for the MELLLA+ flow window in order to efficiently operate boiling water reactors at extended power uprate (EPU) levels. The staff summarized the results of its evaluation of MELLLA+ and the applicability of GE Methods to expanded operating domains.

### IV. Overview of the PHEBUS-FP Experimental Program and Results of Recent Tests

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

The Committee met with representatives of the NRC staff and the Institute of Radiological Protection and Nuclear Safety in France to discuss the PHEBUS-FP (fission product) experimental program and the results of recent tests. The staff described the history of the development of the NRC severe accident source term and how the PHEBUS-FP results are used. The PHEBUS-FP program provides insights and information on fuel degradation, hydrogen production, fission product release, accident progression, and mechanisms for the transport of fission products. The test facility is a simplified model of a reactor coolant system and containment. The PHEBUS-FP test results have been used to validate severe accident codes such as MELCOR and to revise the accident source term reported in NUREG-1465, "Accident Source Terms for Light-Water Nuclear Power Plants." The ongoing activities involve separate effects testing to better understand various specific accident phenomena such as fission product chemistry, fuel clad oxidation in air, and fission product release from mixed oxide and high burnup fuels.

V. Status Report on the 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 status of their assessment of the quality of the NRC research projects on “Fatigue Crack Flaw Tolerance in Nuclear Power Plant Piping” and “Technical Review of the Online Monitoring Techniques for Performance Assessment.”

VI. ACRS Member’s Issues Associated with the Technology-Neutral Framework for Future Plant Licensing

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

The Committee continued its discussion of individual ACRS member’s issues associated with the technology-neutral regulatory framework for future plant licensing. The majority of the discussion focused on the pros and cons of maintaining the concept of design- or licensing-basis events in the technology-neutral regulatory framework for future plant licensing.

VII. Subcommittee Report on Plant License Renewal

[Note: Mr. Michael Junge 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 June 5, 2007 meeting with the NRC staff and representatives of Entergy to review the draft Safety Evaluation Report (SER) related to the license renewal application for the Vermont Yankee Nuclear Power Station. The current operating license expires on March 21, 2012. During the meeting, Entergy described the licensing history, major plant improvements, the license renewal project, and specific issues related to the drywell shell and torus shell integrity. The staff’s draft SER issued on March 30, 2007, contained six confirmatory items and no open items. The major discussion topics were the resolution of cracks found in the steam dryer during the recent refueling outage, plant changes related to the extended power uprate, and the number of exceptions to the Generic Aging Lessons Learned (GALL) Report.

VIII. ACRS Meeting with the Commission

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

On June 7, 2007, the Committee met with NRC Commissioners to discuss topics of mutual interest, including the following:

- Framework for Future Plant Licensing
- Digital Instrumentation and Controls Systems (Digital I&C) Activities

- License Renewal/Extended Power Uprates
- Human Reliability Analysis Models

In a Staff Requirements Memorandum (SRM) dated June 22, 2007, stemming from the above meeting, the Commission stated that it supports the Committee's recommendations in its letter dated May 18, 2007, concerning Digital I&C. The Commission also stated that it values the Committee's bi-annual review of the NRC Safety Research Program. In its next report, due March 2008, the Committee should identify any gaps it perceives in the research program and provide recommendations on redirecting funding to high priority areas. In addition, the Committee should identify areas where the research needs are considered to have been satisfied.

#### IX. Election of Member-at-Large

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

The Committee elected Dr. Said Abdel-Khalik as Member-at-Large for the Planning and Procedures Subcommittee.

#### X. 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 May 18, 2007, to comments and recommendations included in the April 23, 2007 ACRS letter on Risk-informed Technical Specifications Initiative 4b, Risk-Managed Technical Specifications Guidelines. The Committee decided that it was satisfied with the EDO's response.
- The Committee considered the EDO's response of May 22, 2007 to comments and recommendations included in the April 23, 2007 ACRS letter on Revision 3 to Standard Review Plan Section 4.2, "Fuel System Design." The Committee decided that it was satisfied with the EDO's response.
- The Committee considered the EDO's response of April 10, 2007 to comments and recommendations included in the February 16, 2007 ACRS report on the 5 percent power uprate for Browns Ferry Nuclear Plant Unit 1. The Committee decided that it was not satisfied with the EDO's response. The ACRS report noted that granting of containment overpressure credit during long-term loss-of-coolant accident and 10 CFR Part 50 Appendix R fire scenarios at 120 percent of the original licensed thermal power will require support by more complete evaluations. The EDO response did not address the staff's plans to deal the Committee's concerns. The Committee plans to continue its



discussion of this issue with its staff during the Committee's review of the 20 percent extended power uprate application for Browns Ferry Units 1, 2, and 3.

- The Committee considered the EDO's response of April 16, 2007 to comments and recommendations included in the March 19, 2007, ACRS report on the assessment of aircraft impacts on new plants. The Committee decided that it was satisfied with the EDO's response.

#### OTHER RELATED ACTIVITIES OF THE COMMITTEE

During the period from May 6, 2007 through June 5, 2007, the following Subcommittee meetings were held:

- Thermal-Hydraulic Phenomena – May 14-15, 2007

The Subcommittee discussed the status of plant-specific implementation plans for the resolution of GSI-191 (Assessment of Debris Accumulation in PWR Sump Performance). This included a review of the installation of new strainers, the debris generation and transport calculational methodology, and chemical effects tests.

- Thermal-Hydraulic Phenomena – May 24-25, 2007

The Subcommittee reviewed the staff's Safety Evaluations associated with GE Licensing Topical Reports NEDC-33006P, Revision 2, "General Electric Boiling Water Reactor Maximum Extended Load Line Limit Analysis Plus," and NEDC-33173P, "Applicability of GE Methods to Expanded Operating Domains."

- Plant License Renewal – June 5, 2007

The Subcommittee reviewed the License Renewal Application for the Vermont Yankee Nuclear Power Station, the associated draft SER, and other related documents.

- Planning and Procedures – June 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.

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

- The Committee plans to review the draft final version of Regulatory Guide DG-5021, "Managing the Safety/Security Interface," after reconciliation of public comments.
- The Committee plans to review the draft final version of Regulatory Guide DG-5019, "Report of Safeguards Events," after reconciliation of public comments.

- The Committee plans to review the draft final version of Regulatory Guide DG-1148, "Qualification of Safety-Related Battery Chargers and Inverters for Nuclear Power Plants," after reconciliation of public comments.
- The Committee referred the draft Regulatory Guide DG-4012, "Minimization of Contamination and Radioactive Waste Generation in Support of Decommissioning," to the Advisory Committee on Nuclear Waste and Materials for review.
- The Committee plans to review the final SER associated with the Vermont Yankee license renewal application during its September 2007 meeting.
- The Committee plans to continue its discussion of its quality assessment of selected NRC research projects during the July 2007 meeting.
- The Committee would like to have the opportunity to review any significant changes in the final SERs associated with GE Licensing Topical Reports NEDC-33006P, Revision 2, "General Electric Boiling Water Reactor Maximum Extended Load Line Limit Analysis Plus," and NEDC-33173P, "Applicability of GE Methods to Expanded Operating Domains." The Committee would also like the opportunity to review the first few plant-specific MELLLA+ applications.
- The Committee would like to review the revisions to draft final NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire," prior to issuance.

#### PROPOSED SCHEDULE FOR THE 544<sup>TH</sup> ACRS MEETING, JULY 11-13, 2007

- Sampling Methodology and Statistical Thresholds for Selecting Inspections, Tests, Analyses, and Acceptance Criteria (ITAACs) for Inspection
- Dissimilar Metal Weld Issue
- Activities in the Safeguards and Security Areas
- Revisions to Draft Final NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire"
- Draft NUREG-0654, Supplement 3, "Criteria for Protective Action Recommendations for Severe Accidents"
- Browns Ferry Unit 1 Restart Activities
- Status Report on the Quality Assessment of Selected NRC Research Projects

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

**Review of the Member Assignments and Priorities for ACRS Reports and Letters for the June ACRS meeting**

Member assignments and priorities for ACRS reports and letters for the June 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 September 2007 were 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 also discussed and developed recommendations on items requiring Committee action.

**Recommendation to the Commission for Appointment of New Members/Nature of Future Expertise Needed on the Committee**

On April 23, 2007, the ACRS Member Candidate Screening Panel sent a list of candidates to the Commission, recommending appointment of three members to the ACRS. At that time, the Panel also informed the Commission that it plans to seek qualified candidates with expertise in the areas of digital I&C, materials engineering, and Structural and Seismic engineering. The Committee did not have any objection to the Panel's proposal to seek qualified candidates with expertise in the above areas.

In a draft SRM, issued on June 5, 2007, the Commission approved the appointment of the three candidates recommended by the Panel for membership on the ACRS. In addition, the Commission urged the Panel to seek out and secure a digital I&C expert. The Commission also supported the Panel's proposal for soliciting additional candidates with expertise in materials engineering, and structural and seismic engineering to fill future vacancies.

The ACRS staff is in the process of preparing a draft Federal Register Notice and Press Release seeking qualified candidates with expertise in the areas of: application of digital I&C technology to nuclear plant safety systems; and materials engineering/fracture mechanics. Subsequent to Commission approval, the Federal Register Notice and Press Release will be issued.

## **Visit to San Onofre Nuclear Plant and Meeting With Region IV Administrator**

The following members have agreed to visit San Onofre Nuclear Plant and meet with the Region IV Administrator during the week of August 13:

Apostolakis	Corradini
Armijo	Maynard
Banerjee	Shack
Bonaca	Sieber
Abdel-Khalik	Wallis

A list of questions considered by the Committee at the April meeting had been sent to the Regional Administrator and the licensee. An agenda is being prepared and will be provided to the members during the June meeting. A proposed schedule and travel arrangements were discussed.

## **Vice Chairman to the ACRS and Member-at-Large to the Planning and Procedures Subcommittee**

Mr. Sieber, ACRS Vice Chairman, underwent surgery on March 1, 2007. It appears he might be back on the Committee after September 2007.

Section 8.2 of the ACRS Bylaws state:

In the event the Vice Chairman is unable or unavailable to carry out his duties for a limited period (two months or less), the Chairman may appoint another member to act as Vice Chairman.

In anticipation of Mr. Sieber returning to the Committee within two months, the Chairman did not appoint another member to act as Vice Chairman.

Section 8.3 of the Bylaws state that:

The line of succession for Committee Officers is Chairman, Vice Chairman, and Member-at-Large. If either of the first two is no longer available to continue to serve, those next in line will move up in the succession. A special election will then be held to fill the resulting vacancy.

Accordingly, Dr. Bonaca, current Member-at-Large, will become the Vice Chairman and a special election will be held to elect a new Member-at-Large in June.

## **Staff Requirements Memorandum (SRM) Related to Staff's Approach to Verify Closure of ITAAC Through a Sample Based Inspection Program**

In SECY-07-0047, "Staff Approach to Verifying the Closure of Inspections, Tests, Analyses, and Acceptance Criteria Through a Sample-Based Inspection Program," the staff informed the Commission of the staff's approach to select those ITAACs, to be

given priority for inspection and how these inspection results will be used to support ITAAC closeout.

In a May 16, 2007 SRM (pp. 15-16), related to SECY-07-0047, the Commission states that the staff and the ACRS should discuss whether it would be feasible for the Committee to review the sampling methodology and statistical thresholds and, if so, the scope and timing of the review. The Commission also states that an ACRS review should not divert the Committee from performing high priority reviews of safety issues pertaining to existing and future nuclear power plants. On May 22, 2006, the staff provided to the ACRS a Technical Report on the Prioritization of ITAAC. Copies of this report were sent to the members in May 2006 and also provided to the members in May 2007.

In its December 12, 2003 letter, the Committee agreed with the staff that the use of statistical sampling to limit the number of required ITAAC inspections will be small. The Committee recommended that the number of ITAACs that are subjected to minimal inspection be small.

The staff has agreed to meet with the Committee in July to discuss the issue raised in the SRM.

### **RES Regulatory Guide Project**

The staff plans to review and update, as necessary, all NRC Regulatory Guides (RGs) by December 2009. These updates will be performed in 5 Phases:

- Phase 1 RGs were issued in March 2007 in order to support new reactor licensing activities. The Committee considered these high priority RGs during its 535th (September 2006) through 539th (February 2007) meetings.
- Phase 2 RGs will be issued by December 2008.
- Phase 3 RGs will be issued by December 2009.
- Phase 4 RGs will be withdrawn.
- Phase 5 RGs will not be updated by December 2009.

The Committee primarily reviews all Regulatory Guides in Division 1, "Power Reactors." When revisions to these Guides are available, they will be provided to the appropriate Subcommittees for possible review. The Committee needs to decide whether it wants to consider the revisions to Regulatory Guides in other Divisions that do not deal with reactor safety. For those Regulatory Guides in Phase 4, proposed to be withdrawn, the staff has not yet developed the rationale for withdrawing them. The rationale developed by the staff will be provided to the ACRS for consideration.

### **Draft Guide DG-4012, "Minimization of Contamination and Radioactive Waste Generation in Support of Decommissioning"**

In a memorandum dated May 1, 2007, the RES staff requests that the ACRS make a determination as to whether it wants to review the draft Regulatory Guide DG-4012.

10 CFR 20.1406 (Minimization of Contamination) requires that "Applicants for licenses, other than renewals, after August 20, 1997, shall describe in the application how facility design and procedures for operation will minimize, to the extent practicable, contamination of the facility and the environment, facilitate eventual decommissioning, and minimize, to the extent practicable, the generation of radioactive waste," Draft Guide DG-4012 provides guidance to applicants in implementing this requirement.

Since the Advisory Committee on Nuclear Waste and Materials (ACNW&M) previously reviewed the SRP Section related to this matter, it plans to review DG-4012 on June 19, 2007 and is inviting interested ACRS members to participate in this review.

### **Quadripartite Working Group Meeting**

Germany's Reaktor-Sicherheitskommission (RSK) will host the first Quadripartite Working Group (WG) meeting on the topic of "Sump Screen Blockage" on October 17-18, 2007, in Erlangen, Germany. During the April meeting, the Committee authorized Dr. Banerjee, Dr. Bonaca, Dr. Abdel-Khalik, and Dr. Wallis to attend this WG meeting.

The topic for the second WG meeting in 2008 is "EPR Safety Assessment." Mugeh-Afshar-Tous informed France's Groupe Permanent pour les Reacteurs (GPR) of the Committee's preference to hold this meeting in France because the ACRS review of the EPR design certification application and the associated Draft Safety Evaluation Report is not expected to begin until late 2008 or early 2009. GPR has agreed to host the second WG meeting.

Japan's Nuclear Safety Commission (NSC) has offered to host the third WG Meeting in 2009. The topic of this WG meeting will be proposed later.

### **Member Issue**

Otto Maynard and Said Abdel-Khalik suggested that the Subcommittee meetings be held, to the extent practicable, during the second week following the full Committee meeting.

#### **C. Future Meeting Agenda**

Appendix IV summarizes the proposed items endorsed by the Committee for the **544th** ACRS Meeting, **July 11 - 13, 2007**.

The **543rd** ACRS meeting was adjourned at **1:00 PM, June 8, 2007**.

4. How can the burden of the information collection be minimized, including the use of automated collection techniques or other forms of information technology?

A copy of the draft supporting statement may be viewed free of charge at the NRC Public Document Room, One White Flint North, 11555 Rockville Pike, Room O-1 F21, Rockville, MD 20852. OMB clearance requests are available at the NRC worldwide Web site: <http://www.nrc.gov/public-involve/doc-comment/omb/index.html>. The document will be available on the NRC home page site for 60 days after the signature date of this notice.

Comments and questions about the information collection requirements may be directed to the NRC Clearance Officer, Margaret A. Janney (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, by telephone at 301-415-7245, or by Internet electronic mail to [INFOCOLLECTS@NRC.GOV](mailto:INFOCOLLECTS@NRC.GOV).

Dated at Rockville, Maryland, this 7th day of May 2007.

For the Nuclear Regulatory Commission.

**Margaret A. Janney,**  
NRC Clearance Officer, Office of Information Services.

[FR Doc. E7-9613 Filed 5-17-07; 8:45 am]

BILLING CODE 7590-01-P

## NUCLEAR REGULATORY COMMISSION

### Agency Information Collection Activities: Proposed Collection; Comment Request

**AGENCY:** U.S. Nuclear Regulatory Commission (NRC).

**ACTION:** Notice of pending NRC action to submit an information collection request to the Office of Management and Budget (OMB) and solicitation of public comment.

**SUMMARY:** The NRC is preparing a submittal to OMB for review of continued approval of information collections under the provisions of the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35).

Information pertaining to the requirement to be submitted:

1. *The title of the information collection:* 10 CFR Part 4,

"Nondiscrimination in Federally Assisted Commission Programs".

2. *Current OMB approval number:* OMB No. 3150-0053.

3. *How often the collection is required:* On occasion and annually.

4. *Who is required or asked to report:* Recipients of Federal Financial

Assistance provided by the NRC (including Agreement States, Educational Institutions and Other Nonprofit Organizations).

5. *The number of annual respondents:* 200.

6. *The number of hours needed annually to complete the requirement or request:* 3,600 hours (3,000 hrs for reporting or 5 hours per response/ 3 responses per year and 600 hours for recordkeeping or 3 hours per recordkeeper).

7. *Abstract:* Recipients of NRC financial assistance provide data to demonstrate assurance to NRC that they are in compliance with non-discrimination regulations and policies.

Submit, by July 17, 2007, comments that address the following questions:

1. Is the proposed collection of information necessary for the NRC to properly perform its functions? Does the information have practical utility?

2. Is the burden estimate accurate?

3. Is there a way to enhance the quality, utility, and clarity of the information to be collected?

4. How can the burden of the information collection be minimized, including the use of automated collection techniques or other forms of information technology?

A copy of the draft supporting statement may be viewed free of charge at the NRC Public Document Room, One White Flint North, 11555 Rockville Pike, Room O-1 F21, Rockville, MD 20852. OMB clearance requests are available at the NRC worldwide Web site: <http://www.nrc.gov/public-involve/doc-comment/omb/index.html>. The document will be available on the NRC home page site for 60 days after the signature date of this notice.

Comments and questions about the information collection requirements may be directed to the NRC Clearance Officer, Margaret A. Janney (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, by telephone at 301-415-7245, or by Internet electronic mail to [INFOCOLLECTS@NRC.GOV](mailto:INFOCOLLECTS@NRC.GOV).

Dated at Rockville, Maryland, this 14th day of May 2007.

For the Nuclear Regulatory Commission.

**Margaret A. Janney,**  
NRC Clearance Officer, Office of Information Services.

[FR Doc. E7-9646 Filed 5-17-07; 8:45 am]

BILLING CODE 7590-01-P

## 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 June 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).

### Wednesday, June 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 a.m.: *Draft NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire"* (Open)—The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding NUREG-1852 and related matters.

10:15 a.m.-12:15 a.m.: *Maximum Extended Load and Line Limit Analysis Plus (MELLLA+) and Supporting Topical Reports* (Open)—The Committee will hear presentations by and hold discussions with representatives of the NRC staff and General Electric Nuclear Energy (GENE) regarding GENE's MELLLA+ and supporting Topical Reports, and related matters.

1:15 p.m.-3:15 p.m.: *Overview of the PHEBUS-FP Experimental Program and Results of Recent Tests* (Open)—The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding the PHEBUS-FP experimental program and results of recent tests.

3:30 p.m.-3:45 p.m.: *Subcommittee Report* (Open)—The Committee will hear a report by the Chairman of the ACRS Plant License Renewal Subcommittee regarding interim review of the license renewal application for the Vermont Yankee Nuclear Plant.

3:45 p.m.-4:45 p.m.: *Status Report on the Quality Assessment of Selected NRC Research Projects* (Open)—The Committee will hold discussions with the members of the ACRS panels regarding the status of their assessment of the quality of the NRC research projects on: Fatigue Crack Flaw Tolerance in Nuclear Power Plant

Piping, and Technical Review of the Online Monitoring Techniques for Performance Assessment.

*5 p.m.–7 p.m.: Preparation of ACRS Reports* (Open)—The Committee will discuss proposed ACRS reports on matters considered during this meeting.

**Thursday, June 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.

*10 a.m.–10:30 a.m.: Election of Member-at-Large* (Open)—The Committee will elect a Member-at-Large for the ACRS Subcommittee on Planning and Procedures.

*10:30 a.m.–12:15 p.m.: Preparation for Meeting with the NRC Commissioners* (Open)—The Committee will discuss the following topics scheduled for discussion during the meeting with the NRC Commissioners on June 7, 2007: Framework for Future Plant Licensing, Digital I&C Activities, License Renewal/Extended Power Uprates, and Human Reliability Analysis Models.

*1:30 p.m.–3:00 p.m.: Meeting with the Commission* (Open)—The Committee will meet with the Commission, Commissioners' Conference Room, One White Flint North to discuss the items noted above.

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

**Friday, June 8, 2007, Conference Room T-2B3, Two White Flint North, Rockville, Maryland**

*8:30 a.m.–10:30 a.m.: Preparation of ACRS Reports* (Open)—The Committee will continue discussion of proposed ACRS reports.

*10:45 p.m.–1 p.m.: ACRS Member's Issues Associated with the Technology-Neutral Framework for Future Plant Licensing* (Open)—The Committee will discuss and decide on individual member's issues associated with the technology-neutral framework for future plant licensing.

*1 p.m.–1:30 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 [pdr@nrc.gov](mailto:pdr@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: May 14, 2007.

**Andrew L. Bates,**  
Advisory Committee Management Officer.  
[FR Doc. E7-9650 Filed 5-17-07; 8:45 am]  
BILLING CODE 7590-01-P

## NUCLEAR REGULATORY COMMISSION

### Regulatory Guide Update Prioritization

**AGENCY:** U.S. Nuclear Regulatory Commission.

**ACTION:** Regulatory guide update prioritization.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is currently reviewing and updating numerous guides in the agency's Regulatory Guide (RG) Series. This series has been developed to describe and make available to the public methods that are acceptable to the NRC staff for implementing specific parts of the NRC's regulations, techniques that the staff uses in evaluating specific problems or postulated accidents, and data that the staff needs in its review of applications for license amendments, permits, and licenses. The purpose of the ongoing review and update of the NRC's RGs is to ensure that the RGs contain complete, accurate, and current guidance for use by licensees and prospective applicants. The established regulatory guidance (as set forth in establishing new and revised RGs) provides a consistent approach for the staff to ensure that the regulatory requirements are met and thereby continue to protect the health and safety of the public and the environment.

The NRC reviewed all of the approximately 480 RGs and draft RGs (DGs) to determine those that needed to be revised or developed. This resulted in categorizing the RGs and DGs into



May 10, 2007

**SCHEDULE AND OUTLINE FOR DISCUSSION  
543<sup>rd</sup> ACRS MEETING  
JUNE 6-8, 2007**

**WEDNESDAY, JUNE 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 - 10:00 A.M. Draft NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire" (Open) (GEA/MAJ)
  - 2.1) Remarks by the Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the NRC staff regarding NUREG-1852 and related matters.

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

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

- 3) 10:15 - 12:35 P.M. Maximum Extended Load and Line Limit Analysis Plus (MELLLA+) and Supporting Topical Reports (Open) (SB/HPN)
  - 3.1) Remarks by the Subcommittee Chairman
  - 3.2) Briefing by and discussions with representatives of the NRC staff and General Electric Nuclear Energy (GENE) regarding GENE's MELLLA+ and supporting Topical Reports, and related matters.

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

**~~12:15 - 1:15 P.M.~~  
12:35 - 1:30 \*\*\*LUNCH\*\*\***

- 4) 1:15 - 3:15 P.M. Overview of the PHEBUS-FP Experimental Program and Results of Recent Tests (Open) (TSK/CGH)
  - 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff regarding the PHEBUS-FP experimental program and results of recent tests.

~~3:15 – 3:30 P.M.~~  
3:45 – 4:10

\*\*\*BREAK\*\*\*

- 5) ~~3:30 – 3:45 P.M.~~  
4:10      Subcommittee Report (Open) (MVB/MAJ)  
Report by and discussion with the Chairman of the Plant License  
Renewal Subcommittee regarding interim review of the license  
renewal application for the Vermont Yankee Nuclear Plant.
- 6)      3:45 - 4:45 P.M.      Status Report on the Quality Assessment of Selected NRC  
Research Projects (Open) (DAP/WJS/OLM/HPN)  
6.1)      Remarks by the Subcommittee Chairman  
6.2)      Discussion with the members of the ACRS panels  
             regarding the status of their assessment of the quality of  
             the NRC research projects on: Fatigue Crack Flaw  
             Tolerance in Nuclear Power Plant Piping, and Technical  
             Review of the Online Monitoring Techniques for  
             Performance Assessment.

~~4:45 – 5:00 P.M.~~      \*\*\*BREAK\*\*\*

- 7)      5:00 - 7:00 P.M.      Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:  
7.1)      Draft NUREG-1852, "Demonstrating the Feasibility and  
             Reliability of Operator Manual Actions in Response to Fire"  
             (GEA/MAJ)  
7.2)      Maximum Extended Load Line Limit Analysis Plus  
             (MELLLA+) and Supporting Topical Reports (SB/HPN)

**THURSDAY, JUNE 7, 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 - ~~9:30~~ A.M.  
             9:00      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.
- 9:00 – 9:30 A.M.      Commissioner McGaffigan addressed the Commission.

- 10) 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.
- 9:45 - 10:00 A.M. \*\*\*BREAK\*\*\***
- 11) 10:00 - 10:30 A.M. Election of Member-at-Large (Open) (WJS/FPG/SD)  
Election of Member-at-Large for the ACRS Subcommittee on Planning and Procedures.
- 12) 10:30 - 12:15 P.M. Preparation for Meeting with the NRC Commissioners (Open)  
(WJS, et.al/FPG, et.al)  
Discussion of the following topics for meeting with the NRC Commission:
- Overview (WJS/SD)
  - Framework for Future Plant Licensing (TSK/DCF)
  - Digital I&C Activities (GEA/MAJ)
  - License Renewal/Extended Power Uprates (MVB/MAJ/ZA)
  - Human Reliability Analysis Models (GEA/HPN)
- 12:15 - 1:30 P.M. \*\*\*LUNCH\*\*\***
- 13) 1:30 - 3:30 P.M. Meeting with the Commission (Open) (WJS, et.al/FPG, et.al)  
Meeting with the Commission, Commissioners' Conference  
Room,  
One White Flint North, to discuss topics listed under Item 12.
- 3:30 - 4:00 P.M. \*\*\*BREAK\*\*\***
- 14) 4:00 - 7:00 P.M. Preparation of ACRS Reports (Open)
- 14.1) Draft NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire" (GEA/MAJ)
- 14.2) Maximum Extended Load Line Limit Analysis Plus (MELLLA+) and Supporting Topical Reports (SB/HPN)

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

- 15) 8:30 - 10:30 A.M. Preparation of ACRS Reports (Open)  
Continue discussion of proposed ACRS reports listed under Item 14.
- 10:30 - 10:45 A.M. \*\*\*BREAK\*\*\***
- 16) 10:45 - 1:00 P.M. ACRS Member's Issues Associated with the Technology- Neutral Framework for Future Plant Licensing (Open) (TSK/DCF)  
16.1) Remarks by the Subcommittee Chairman  
16.2) Discussion of and determination on, individual member's issues associated with the technology-neutral framework for future plant licensing.
- 17) 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.

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

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
543rd FULL COMMITTEE MEETING

June 6 - 8, 2007

PLEASE PRINT

**NRC Attendees**

TODAY'S DATE: June 6, 2007

	<u>NAME</u>	<u>NRC ORGANIZATION</u>
1	Jose Ibarra	RES/PRA
2	George Lapinsky	NRR/IOLA
3	Naeem Iqbal	NRR/DRA/AFP
4	Ray Gallucci	NRR/PRA/AFP
5	Charles Moulton	NRR/DRA/AFP
6	Phil Qualls	NRR/DRA/AFP
7	Kelly Opert	NRR/DRA/AFP
8	Ed McCann	NRR/DRA/AFP
9	Matt Young	NRR/IPAB
10	Jay Robinson	NRR/DPR/PG-CB
11	Eduardo Uribe	NRR/DCI/CPTB
12	Eva Brown	NRR/DORL/LPLII-2
13	Nancy Salgado	NRR/DIRS/IOLB
14	Josh Kaiser	ACRS
15	J. Bogarra	NRO/DCIP/COLP
16	J. Persensky	RES/DRASP
17	D. Desaulnier	NRR/DIRS
18	Tony Ulses	RES
19	Andrew Ireland	RES/DRASP
20	Joseph Standenmeier	RES/DRASP
21	Joe Donoghue	NRO/DSRA
22	Michelle Honcharik	NRR/DPR
23	Greg Cranston	NRR/DSS/SRXB
24	Muhammad Razzaque	NRR/DSS/SRXB
25	Weidong Wang	NRO/DSRA/SRSB
26	George Thomas	NRO/DSRA/SRSB
27	Stacey Rosenberg	NRR/DPR/PSPB
28	Tai Huang	NRR/DSS/SRXB





ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
543rd FULL COMMITTEE MEETING

June 6 - 8, 2007

PLEASE PRINT

**Visitors**

TODAY'S DATE: June 6, 2007

	<u>NAME</u>	<u>ORGANIZATION</u>
1	Chris Pragman	Exelon Nuclear
2	David Langley	TVA
3	Jess Gehin	ORNL
4	Randy Jacobs	GE
5	PT Tran	GE
6	Jens Andersen	GNF
7	Brian R. Moore	GNF
8	Jose Luis Casillas	GE
9	S. Traiforos	UNR
10	Scott Bowman	GE
11	Patricia Campbell	GE
12	Rick Kingston	GE
13	Daniel Johnson	NEI
14	Aujchariya Reangvivatanakij	NEI
15	Alex Marion	NEI
16	Steven Dolley	Platts, Inside NRC
17	Jose March-Leuba	ORNL
18	Michael McBrearty	SCE
19	Ashok Bhahnagav	TVA







June 18, 2007

**REVISED  
SCHEDULE AND OUTLINE FOR DISCUSSION  
544<sup>th</sup> ACRS MEETING  
JULY 11-13, 2007**

**WEDNESDAY, JULY 11, 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 - 10:15 A.M. Sampling Methodology and Statistical Thresholds for Selecting ITAACs for Inspection (Open) (MLC/DCF)
  - 2.1) Remarks by the Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the NRC staff regarding the feasibility of the ACRS review of the sampling methodology and statistical thresholds proposed by the NRC staff for selecting Inspections, Tests, Analyses, and Acceptance Criteria (ITAACs) for inspection, and related matters.

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

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

- 3) 10:30 - 12:15 P.M. Dissimilar Metal Weld Issue (Open) (WJS/CGH)
  - 3.1) Remarks by the Subcommittee Chairman
  - 3.2) Briefing by and discussions with representatives of the NRC staff and nuclear industry regarding the preliminary results of the advanced finite element analysis performed by the industry to provide basis for leak-before-break.

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

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

- 4) 1:15 - 2:15 P.M. Activities in the Safeguards and Security Areas (Open/Closed) (MVB/MB)
  - 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff regarding ongoing and planned activities in the safeguards and security areas, items that are expected to

be submitted to the ACRS for review, and the associated schedule.

**[NOTE: A portion of this session may 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)].**

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

**\*\*\*BREAK\*\*\***

5) 2:30 - 3:30 P.M.

Revisions to Draft Final NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire" (Open) ( GEA/MAJ)

5.1) Remarks by the Subcommittee Chairman

5.2) Briefing by and discussions with representatives of the NRC staff regarding the changes made to draft final NUREG-1852 to address ACRS comments and recommendations.

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

**3:30 - 3:45 P.M.**

**\*\*\*BREAK\*\*\***

6) 3:45 - 6:00 P.M.

Preparation of ACRS Reports (Open)

Discussion of proposed ACRS reports on:

6.1) Sampling Methodology and Statistical Thresholds for Selecting ITAACs for Inspection (MLC/DCF)

6.2) Dissimilar Metal Weld Issue (WJS/CGH) (**TENTATIVE**)

6.3) Revisions to NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire" (GEA/MAJ)

6.4) Technology-Neutral Framework for Future Plant Licensing (TSK/DCF)

**THURSDAY, JULY 12, 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 - 10:30 A.M.

Draft NUREG-0654, Supplement 3, "Criteria for Protective Action Recommendations for Severe Accidents" (Open) (MVB/MB)

8.1) Remarks by the Subcommittee Chairman

8.2) Briefing by and discussions with representatives of the NRC staff regarding draft NUREG-0654, Supplement 3, "Criteria for Protective Action Recommendations for Severe Accidents"

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

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

- 9)      10:45 - 12:15 P.M.      Browns Ferry Nuclear Plant Unit 1 Restart Activities (Open) (OLM/MAJ)
- 9.1)      Remarks by the Subcommittee Chairman
  - 9.2)      Briefing by and discussions with representatives of the NRC staff regarding the findings and recommendations of the Browns Ferry Unit 1 Restart Panel, activities associated with restart, any problems encountered prior to, during, and after restart as well as current status of the plant.

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

- 10)      1:15 - 2:00 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)      2:00 - 2:15 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)      2:15 - 2:30 P.M.      Subcommittee Report on State-of-the-Art Reactor Consequence Analysis (SOARCA) Project (Open) (WJS/HPN)
- Report by and discussions with the Chairman of the ACRS Subcommittee on Regulatory Policies and Practices regarding the SOARCA Project that was discussed by the Subcommittee on July 10, 2007.

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

- 13)      2:45 - 3:45 P.M.      Status Report on the Quality Assessment of Selected NRC Research Projects (Open) (DAP/SB/WJS/OLM/HPN)
- 13.1)      Remarks by the Subcommittee Chairman
  - 13.2)      Report by and discussions with the members of the ACRS Panels regarding 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.

- 14) 3:45 - 7:00 P.M. Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:
- 14.1) Sampling Methodology and Statistical Thresholds of Selecting ITAACs for Inspection (MLC/DCF)
  - 14.2) Dissimilar Metal Weld Issue (WJS/CGH) **(TENTATIVE)**
  - 14.3) Revisions to NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire" (GEA/MAJ)
  - 14.4) Technology-Neutral Framework for Future Plant Licensing (TSK/DCF)
  - 14.5) NUREG-0654, Supplement 3, "Criteria for Protective Action Recommendations for Severe Accidents" (MVB/MB)

**FRIDAY, JULY 13, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 15) 8:30 - 1:00 P.M. Preparation of ACRS Reports (Open)  
**(10:30-10:45 BREAK)** Continue discussion of proposed ACRS reports listed under Item 14.
- 16) 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.

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

**LIST OF DOCUMENTS PROVIDED TO THE COMMITTEE**  
**543rd ACRS MEETING**  
**June 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>Draft NUREG-1852, "Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire"</u> 2. Public Comments and NRC Responses: Highlights (Slides from NRR/Galluci) 3. Regulatory Requirements with Respect to III.G.2 (Slides) 4. NUREG-1852, Demonstrating the Feasibility and Reliability of Operator Manual Actions in Response to Fire (Slides from RES/Lois)
3.	<u>Maximum Extended Load and Line Limit Analysis Plus (MELLLA+) and Supporting Topical Reports</u> 5. Memorandum from Jared Wermiel (NRR/DSS) to Frank P. Gillespie (ACRS) dated May 22, 2007 Regarding MELLLA+ 6. Review of NEDC-33006P and NEDC-33173P (Closed Session Slides from Zena Abdullahi/NRC staff/ORNL/PNNL) 7. Limitations for Topical Report on NEDC-33006P (Proprietary) 8. Review of Maximum Extended Load Limit Line Analysis Plus and Application of GE Methods to Expand Operating Domains (Open Session Slides from Zena Abdullahi/NRC staff/ORNL/PNNL) 9. GE Energy, Nuclear, MELLLA+ and Supporting Topical Reports
4.	<u>Overview of the PHEBUS-FP Experimental Program and Results of Recent Tests</u> 10. The Phebus-FP Project Presented to the Advisory Committee on Reactor Safeguards (Slides from RES/Lee) 11. Proposed Schedule for this Session
5.	<u>Subcommittee Report</u>
6.	<u>Status Report on the Quality Assessment of Selected NRC Research Projects</u>
7.	<u>Preparation of ACRS Reports</u>

8. Opening Remarks by the Chairman, Day Two
9. Future ACRS Activities/Report of the Planning and Procedures Subcommittee
  - 12.
10. Reconciliation of ACRS Comments and Recommendations
  13. Handout of the same title.
11. Election of Member-at-Large
12. Preparation for Meeting with the NRC Commissioners
  14. Memo to Annette L. Vietti-Cook (SECY) from Frank P. Gillespie (ACRS), dated May 21, 2007, Regarding Meeting with the Commissioners on June 7, 2007 (Slides Attached)
13. Meeting with the Commissioners

Slides are mentioned above.
14. Preparation of ACRS Reports

\*\*Copies of the handouts can be viewed or printed from the transcript found in the Agencywide Documents Management & Access System (ADAMS). Copies of the handouts can also be obtained by calling the ACRS Offices of the NRC and requesting a hardcopy from the Meeting Minutes.