



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

June 14, 2010

MEMORANDUM TO:           ACRS Members

FROM:                    Sherry Meador                /RA/  
                              Technical Secretary, ACRS

SUBJECT:                CERTIFICATION OF THE MEETING MINUTES FROM  
                              THE ADVISORY COMMITTEE ON REACTOR  
                              SAFEGUARDS 553<sup>rd</sup> FULL COMMITTEE MEETING  
                              HELD ON June 4-6, 2008 IN ROCKVILLE, MARYLAND

The minutes of the subject meeting were certified on July 16, 2008 as the official record of the proceedings of that meeting. A copy of the certified minutes is attached.

Attachment:  
As stated



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

July 16, 2008

MEMORANDUM TO: Sherry Meador, Technical Secretary  
Advisory Committee on Reactor Safeguards

FROM: Cayetano Santos, Chief */RA/*  
Reactor Safety Branch  
Advisory Committee on Reactor Safeguards

SUBJECT: MINUTES OF THE 553rd MEETING OF THE ADVISORY  
COMMITTEE ON REACTOR SAFEGUARDS (ACRS),  
June 4-6, 2008

I certify that based on my review of the minutes from the 553rd 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.

<b>OFFICE</b>	ACRS	ACRS:RSB
<b>NAME</b>	SMeador	CSantos/sam
<b>DATE</b>	05/ 22 /08	05/22/08

OFFICIAL RECORD COPY

CERTIFIED

Date Issued: 7/1/2008  
Date Certified: 7/16/2008

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Minutes of the 553<sup>rd</sup> ACRS Meeting  
June 4-6, 2008

During its 553<sup>rd</sup> meeting, June 4-6, 2008, the Advisory Committee on Reactor Safeguards (ACRS) discussed several matters and completed the following report and memoranda.

REPORT

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

- ARTIST Test Program, dated June 13, 2008

MEMORANDA

Memoranda to R. W. Borchardt, Executive Director for Operations, NRC, from Frank P. Gillespie, Executive Director, ACRS:

- Draft Final Revision to 10 CFR 50.55a, "Codes and Standards," dated June 9, 2008
- Draft Final Regulatory Guide 4.21, "Minimization of Contamination and Radioactive Waste Generation: Life-Cycle Planning," dated June 9, 2008
- Withdrawal of Regulatory Guide 1.139, "Guidance for Residual Heat Removal," dated June 9, 2008
- Draft Regulatory Guides 1186, 4013, and 3034, dated June 9, 2008

MINUTES OF THE 552<sup>nd</sup> MEETING OF THE  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
May 8-10, 2008  
ROCKVILLE, MARYLAND

The 553<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 4-6, 2008. Notice of this meeting was published in the *Federal Register* on May 20, 2008 (72 FR 29169-29170) (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. Joseph Armijo, Dr. Dennis Bley, Dr. George E. Apostolakis, Mr. Charles Brown, Dr. Michael Corradini, Mr. Otto L. Maynard, Dr. Dana A. Powers, Mr. John Sieber, and Mr. John Stetkar. Mr. Charles Brown was unable to attend this meeting. 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. In his opening remarks he announced that the meeting was being conducted in accordance with the provisions of the Federal Advisory Committee Act. He reviewed the agenda items for discussion 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. Various administrative announcements were made.

#### II. ARTIST Test Program

[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 review the results of the tests conducted by Paul Scherrer Institut (PSI) at the Aerosol Trapping in a Steam Generator Test (ARTIST) facility in Switzerland. The objective was to investigate the retention of aerosols representative of those produced during several core damage accidents as they pass through a

ruptured steam generator tube and transported through the secondary side of the steam generator. The ARTIST test program was sponsored by an international consortium, including NRC. This was a four-year program and completed testing in 2007. During this four-year program, a number of separate effects tests as well as large-scale integral tests were performed. It was found that there was limited deposition of aerosols in the steam generators. The staff plans to use the test data obtained from the ARTIST test program to refine the MELCOR code. The Committee issued a report to the NRC Chairman on this matter dated June 13, 2008, concurring with the staff that the ARTIST test program has provided sufficient experimental data to closeout Item 3.3a, "Development of Experimental Information on Aerosol Source Term Attenuation on the Secondary Side of Steam Generators," of the NRC Steam Generator Action Plan.

### III. Risk Assessment Standardization Project

[Note: Mr. Harold J. VanderMolen was the Designated Federal Officer for this portion of the meeting.]

The Committee met with representatives of the NRC staff to discuss the Risk Assessment Standardization Project (RASP) and related matters. This Project is intended to provide consistent methods between the Accident Sequence Precursor (ASP) calculations, the Significance Determination Process (SDP) Phase 3 programs, and incident investigation programs. Thus, the focus of RASP is to standardize the event assessment programs.

Based on the user need requests, the RASP project was divided into four tasks:

- Task 1:** Develop guides for the analysis of internal events during power operations.
- Task 2:** Develop new methods and guides for the analysis of external events, internal events during low power and shutdown operations
- Task 3:** Enhance the Standardized Plant Analysis Risk (SPAR) models and SAPHIRE/GEM code package
- Task 4:** Provide on-going technical support

The RASP handbook was issued in January 2008. This handbook provides guidelines for performing internal and external event analysis to address the first two tasks. To address Task 3, the SPAR models are under active development. There are now internal events models for essentially all operating plants. In addition, there are 15 external events models and five shutdown events models. Also, two Level II (LERF) models are under development. Finally, a new version of the SAPHIRE/GEM code package is being developed, including a new user interface and improved features and capabilities. RES continues to provide technical support to address Task 4. The staff briefly discussed the future activities that it plans to perform in this area. This was an information briefing. No Committee action was necessary at this time. The Committee plans to discuss this matter with the staff during future meetings.

### IV. Overview of the U.S. Evolutionary Power Reactor (EPR) Design

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

The Committee was briefed by representatives of the NRC staff and AREVA NP Inc. regarding the design concepts, major safety systems, and components of the U.S. EPR design, as well as the main differences in design between the U.S. EPR and a standard Pressurized Water Reactor (PWR) now in operation in the U.S.

The staff discussed the schedule for reviewing the Design Certification Application for the US EPR, which was accepted for review on March 26, 2008. The target date for completing the Safety Evaluation Report (SER) with Open Items is March 5, 2010. The staff plans to group several chapters of the SER with Open Items and submit to the ACRS for review. The staff also stated that the Reference Combined License Application (RCOLA) for the US EPR at the Calvert Cliffs site in Lusby, MD is under review.

AREVA provided information on the design objectives for the US EPR, the general plant layout, the core design, digital instrumentation and control systems, severe accident mitigation, steam generator tube rupture and small-break loss-of-coolant accident mitigation, and the probabilistic risk assessment prepared for the EPR design. Major design differences between the U.S. EPR and an updated 4-loop PWR were presented. The major components and systems for safety were discussed, including the radial design of the safeguards buildings, the four trains of safety systems, aircraft impact protection of the reactor and safeguards buildings, and the main safety systems for the primary and secondary sides of the reactor. This was an information briefing. No Committee action was necessary at this time. The ACRS Subcommittee on EPR plans to review parts of the Safety Analysis Report submitted by AREVA and the associated Chapters of NRC staff's SER.

V. Status of the Development of Rules and Regulatory Guidance in the Areas of Safeguards and Security

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

The Committee was briefed by the staff regarding the status of the ongoing rulemaking and regulatory guidance development activities in the area of Safeguards and Security. The staff was previously informed that consistent with the Commission direction in the October 31, 2003

Staff Requirements Memorandum, the Committee is reviewing primarily four parts of the rule. These are: safety and security interface; cyber security; mitigative strategies for large area fire/explosion and aircraft threat; and aircraft impact assessment. The last subject was not included in the current briefing. The staff had already provided the draft final rulemaking package on aircraft impact assessment to the Committee for review and this part of the rulemaking is scheduled to be submitted to the Commission in September while the other parts will be delivered in July 2008.

The staff discussed the major changes made to the rulemaking package in response to the public comments, and the logic behind restructuring the rule in various parts of the 10 CFR, including moving parts of the rule outside 10 CFR Part 73. The mitigative strategies and response procedure for potential and actual aircraft attacks duplicate what was imposed on the operating reactors via orders, and are now in 10 CFR 50.54, as they will be imposed as license conditions.

Draft regulatory guides have been developed for safety/security interface and protection of digital computers and communication system (cyber security). While these draft guides have been made available to the ACRS, the draft guidance on mitigative strategies will not be

available before July 2008. The staff requested ACRS comments on the draft final rule prior to the Committee's review of the draft guides. ACRS members commented that given the very general wordings in some draft rules, having the draft guidance along with the rule package will help in reviewing the draft final rule. The Chairman of the ACRS Subcommittee on Safeguards and Security noted the difficulty in preparing a report during the July 9-11, 2008 meeting, given the anticipated submittal of the rule package to the ACRS at the end of June.

This was an information briefing. No Committee action was necessary at this time. The Committee plans to review the draft final rulemaking package during the July 9-11, 2008 ACRS meeting.

VI. Status of the Quality Assessment of Selected Research Projects

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

The Committee discussed the status of the quality assessment of the research projects selected for FY 2008. The Committee agreed that the panel review of research project on FRAPCON/FRAPTRAN code work at the Pacific Northwest National Laboratory (PNNL) should be focused on the revised draft NUREG/CR report entitled, "Assessment of Predictive Bias and the Influence of Manufacturing, Model, and Power Uncertainties in NRC Fuel Performance Code Predictions." The Committee plans to discuss the draft report on quality assessment of the selected research projects during September 4- 6, 2008 ACRS meeting.

VI. Overview of the US-Advanced Pressurized Water Reactor (US-APWR) Design

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

The Committee met with representatives of the NRC staff and Mitsubishi Heavy Industries, LTD (MHI) to discuss the design features and preliminary design certification review schedule for the US-APWR design. MHI submitted the application for US-APWR standard design certification on December 31, 2007. The staff acceptance review was completed and the application was docketed on February 29, 2008. The staff's review of the design certification application is currently under way along with the preparation of the SER with Open Items. The staff's proposed dates for ACRS review of the SER with Open Items and the final SER are June 2010 and August 2011, respectively. Luminant Generation Company, LLC has selected the US-APWR design for proposed new units at the Comanche Peak Nuclear Power Plant site. A COL application is expected to be submitted in September 2008.

Representatives of MHI provided an overview of the US-APWR design features. The US-APWR design is similar to the Japanese APWR that is currently undergoing licensing review in Japan. The MHI presentation included information about the fuel and core design, details of the system design and safety features, instrumentation and control (I&C) systems and architecture, and a discussion of MHI experience with digital I&C applications and reliability. MHI has developed a simulation facility near Pittsburgh, PA and stated that members of the ACRS were welcome to tour this facility.



This was an information briefing. No Committee action was necessary. During upcoming meetings the Committee will discuss and prioritize which US-APWR reports will be reviewed in detail. The ACRS staff will follow-up with NRC staff to schedule future briefings. The Committee plans to send representatives to visit MHI's Pittsburgh simulation facility later this year.

VII. Status of NRC Staff Activities Associated with the Resolution of Generic Safety Issue (GSI)- 191, "Assessment of Debris Accumulation on Pressurized-Water Reactor (PWR) Sump Performance"

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

The Committee met with the NRC staff to discuss the status of staff activities associated with the resolution of GSI-191. GSI-191 addresses the impact and consequence of debris generated during design basis-LOCA on the capability and performance of the emergency core cooling and containment spray systems in the recirculation mode. The staff discussed the areas that still remain challenging as the licensees work towards completion of the actions related to PWR sump performance.

The staff acknowledged the substantial work done by licensees so far, including the installation of new strainers with larger surface areas and better pressure drop performance under strainer clogging conditions. The licensees changed the buffers and removed insulations in the zone of influence (ZOI) that adversely contribute to the debris fibers and chemical effects. The staff had by large reviewed and accepted or commented on most of the testing protocols that are intended to demonstrate adequate strainer functions under conditions representative of the plant-specific characteristics. In reference to the December 31, 2007 implementation deadline, the staff stated that most licensees requested and were granted extension for completion of certain corrective actions such as downstream effects analyses, integrated head loss testing, and plant modifications.

The staff approved the topical reports related to chemical effects and ex-vessel downstream effects. Although the draft safety evaluation of the in-vessel (core blockage) topical report was issued, the staff and the PWR owners group are currently addressing the concerns raised during the March 19, 2008 ACRS Subcommittee meeting.

The staff discussed some of the still pending challenges in resolution of GSI-191 and projected that the GSI-191 issue will be resolved by 2009. However, the staff also pointed out that the actions implemented so far reduced the risk of strainer clogging significantly. This was an information briefing. No Committee action was necessary at this time. The Committee plans to review the proposed resolution of GSI-191 during future meetings.

VI. Executive Session

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

A. Reconciliation of ACRS Comments and Recommendations/EDO Commitments

- The Committee considered the EDO's response of May 27, 2008 to comments and recommendations included in the May 2, 2008 ACRS report on the, Hope Creek Generating Station Extended Power Uprate Application. The Committee decided that it was satisfied with the EDO's response.

- The Committee considered the EDO's response of May 28, 2008 to comments and recommendations included in the April 29, 2008 ACRS report on the review of Digital Instrumentation and Control Systems Interim Staff Guidance. The Committee decided that it was satisfied with the EDO's response.
- The Committee considered the EDO's response of May 20, 2008 to comments and recommendations included in the April 21, 2008 ACRS report concerning State-of-the-Art Reactor Consequences Analyses (SOARCA) Project. The staff has restated its justifications for the current SOARCA approach. The staff plans to clarify the SOARCA methodology. The staff's intent is not clear. The Committee plans to discuss this matter during future meetings.

B. Report of the Planning and Procedures Subcommittee Meeting

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 also discussed.

Anticipated Workload for ACRS Members

The anticipated workloads for ACRS members through September 2008 were discussed. The objectives were:

- 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

Visit to the Braidwood Nuclear Plant and Meeting with the Region III Administrator

During its May 2008 meeting, the members decided to visit the Braidwood Nuclear Plant, and meet with the Region III Administrator to discuss items of mutual interest. A proposed schedule is as follows:

- Tuesday, July 22, 2008 – travel to Braidwood
- Wednesday, July 23, 2008 – plant visit
- Thursday, July 24, 2008 – meet with the Regional Administrator

The Committee requested that Maitri Banerjee provide detailed arrangements for the trip and Mr. Sieber propose a list of topics for meeting with the Regional Administrator. Accordingly, arrangements for this trip and proposed topics for meeting with the licensee and Region III Administrator were discussed.

## Staff Requirements Memorandum

In a Staff Requirements Memorandum (SRM) dated May 8, 2008 resulting from the Commission meeting with an industry Panel and the staff regarding the status of new reactor issues, the Commission stated the following:

- The ACRS should advise the staff and the Commission on the adequacy of the design basis long-term core cooling approach for each new reactor design based, as appropriate, on either its review of the design certification or the first license application referencing the reactor design.

## Draft Final Revision to 10 CFR 50.55a, "Codes and Standards"

The staff provided a copy of the draft final revision to 10 CFR 50.55a to the ACRS requesting that the Committee decide whether it wants to hear a briefing on this rule. The current version of this rule reflects incorporation of public comments, as appropriate. In the revision, the staff requires the use of:

- ASME Code Case N-722, "Additional Inspections for PWR Pressure Retaining Welds in Class 1 Pressure Boundary Components Fabricated with Alloy 60/82/182 Materials, Section XI, Division 2."
- ASME Code Case N-729-1, "Alternative Examination Requirements for PWR Reactor Vessel Upper heads with Nozzles Having Pressure-Retaining Partial- Penetration Welds, Section XI, Division 1."

Based on his review of the draft final revision of this rule, Dr. Shack recommended that the Committee not hear a briefing on this rule.

## Regulatory Guide (RG) 1.139, "Guidance for Residual Heat Removal"

During its May 2008 meeting, the Committee discussed the staff's proposal to withdraw RG 1.139. The Committee deferred action pending receipt of additional information from the staff. In May, John Flack sent information to the members regarding this subject. He also sent a list of questions to the staff. The staff's response to these questions was discussed.

This Guide describes an overly conservative and prescriptive method for complying with the regulations. A draft version of this Guide was issued for public comment in 1975. However, it has never been issued final. Existing plant licensees have developed alternatives, without reliance on this Guide, for complying with the regulations; these alternatives were approved by the staff on a case-by-case basis. Since alternatives, acceptable to the staff, have been developed by the existing plant licensees without relying on this Guide and guidance for the staff reviewers is provided in the SRP, the staff has decided that there is no further use for this Guide.

## Draft Final Regulatory Guide

The staff plans to issue RG 4.21, "Minimization of Contamination and Radioactive Waste Generation: Life-Cycle Planning," as final. RG 4.21 provides guidance to licensees in meeting the requirements of 10 CFR 20.1406, "Minimization of Contamination."

The Advisory Committee on Nuclear Waste & Materials (ACNW&M) was briefed on the draft version of this Guide (DG-4012) at its June 2007 meeting. The ACNW&M wrote a report to the Chairman dated June 28, 2007, with its recommendations to improve the draft Guide. Based on the ACNW&M report, the staff modified DG-4012 before it was issued for public comment, as identified in the Executive Director for Operation's (EDO) August 7, 2007, response.

ACNW&M reviewed the EDO response and the revised DG-4012 and wrote another report to the Chairman dated November 27, 2007, primarily because the Committee thought the modifications made to DG-4012 were insufficient. The staff considered the additional comments, but disagreed with the major changes recommended by the ACNW&M. The EDO replied with a letter dated January 14, 2008. DG-4012 was issued for public comment in July 2007. This final version of RG 4.21 addresses the comments received from the public.

The two ACNW&M recommendations made in its November 27, 2007 report were that (1) DG-4012 should be modified so that it is only applicable to reactors, and (2) additional and better guidance should be issued in a separate guide for other radioactive material licensees. The staff responded to these comments in its resolution of comments document available with the final RG 4.21.

The staff responded that RG 4.21 was useful to other licensees because it included a graded approach for other radioactive material licensees that were favorably reviewed by the State of Washington (an Agreement State that regulates many radioactive materials users). The staff responded that if it revised RG 4.21 to apply only to reactors that other licensees would be left with no guidance. The staff further stated that, despite a great deal of effort to obtain comments on the merits of the approach in this Guide for other licensees, only the State of Washington replied, indicating there was not a great deal of need for improvement of that part of the guidance. The vast majority of the comments on DG-4012 addressed reactor-specific guidance, and most of the revisions in the final RG 4.21 improve this Guide for new reactor licensees.

## Proposed Regulatory Guides

The staff plans to issue the following Regulatory Guides for public comment:

- Proposed Revision 2 to RG 1.21 (DG-1186), "Measuring, Evaluating, and Reporting Radioactive Materials in Liquid and Gaseous Effluents and Solid Wastes"
- Proposed Revision 2 to RG 4.1 (DG-4013), "Environmental Monitoring for Nuclear Power Plants"

On March 10, 2006, the EDO established the Liquid Radioactive Release Lessons Learned Task Force in response to incidents at some nuclear power plants related to unplanned and unmonitored releases of radioactive liquids into the environment. The Task Force issued a final report, "Liquid Radioactive Release Lessons Learned Task Force Final Report," that recommended the revision of effluent and environmental monitoring program requirements and

guidance and the provision of additional guidance on detecting, evaluating, and monitoring unplanned and unmonitored releases of radioactive liquids into the environment.

Proposed Revision 2 to RG 1.21 updates the Guide to describe the improved methods of measuring, evaluating, and reporting radioactivity in solid waste and radioactivity in liquid and gaseous effluents, and incorporates other editorial corrections and revisions to enhance clarity.

Proposed Revision 2 to RG 4.1 updates the Guide to describe the improved methods of environmental monitoring, and incorporates other editorial corrections and revisions to enhance clarity.

- Proposed Revision 1 to RG 3.12 (DG-3034), “General Design Guide for Ventilation Systems of Plutonium Processing and Fuel Fabrication Plants.”

Regulatory Guide 3.12 was first issued in August 1973 to provide guidance for facilities processing plutonium. Since that time, there have been few commercial facility applications for plutonium processing and fuel fabrication. At this time, the NRC is licensing a mixed oxide fuel fabrication facility for use in processing surplus weapons materials, and it is expected that, in the future, additional facilities may be proposed for licensing. These future facilities may be either commercial facilities or facilities licensed through the U.S. Department of Energy’s Global Nuclear Energy Partnership. In 2000, the NRC made significant regulatory changes to 10 CFR Part 70 that require applicants to prepare Integrated Safety Assessments (ISAs), which are systematic evaluations of nuclear facility hazards using risk-informed approaches. In addition, new industry consensus standards are available that update previous guidance reflecting new experiences and state-of-the-art equipment.

Regulatory Guide 3.12 is being revised in its entirety to address changes in Part 70 regarding ISAs.

Proposed ACRS Meeting Dates for CY 2009 – CY 2012

In March 2008, the staff provided the ACRS a description of the Committee’s anticipated workload and a proposed schedule for Subcommittee and full committee meetings. The proposed ACRS meeting dates from CY 2009 through CY 2012 were discussed and summarized below. These meeting dates were provided to the Committee during the May ACRS meeting. Since May, the July 2009 meeting dates have been changed from July 15-17 to July 8-10, 2009.

Meeting Number	Dates	Days
---	January 2009	(No Meeting)
559	February 5-7, 2009	Thursday-Saturday
560	March 5-7, 2009	Thursday-Saturday
561	April 2-4, 2009	Thursday-Saturday
562	May 7-9, 2009	Thursday-Saturday
563	June 3-5, 2009	Wednesday-Friday
564	July 8-10, 2009	Wednesday-Friday
---	August 2009	(No Meeting)
565	September 10-12, 2009	Thursday-Saturday
566	October 8-10, 2009	Thursday-Saturday

567	November 5-7, 2009	Thursday-Saturday
568	December 3-5, 2009	Thursday-Saturday
---	January 2010	(No Meeting)
569	February 4-6, 2010	Thursday-Saturday
570	March 4-6, 2010	Thursday-Saturday
571	April 8-10, 2010	Thursday-Saturday
572	May 6-8, 2010	Thursday-Saturday
573	June 9-11, 2010	Wednesday-Friday
574	July 14-16, 2010	Wednesday-Friday
---	August 2010	(No Meeting)
575	September 9-11, 2010	Thursday-Saturday
576	October 7-9, 2010	Thursday-Saturday
577	November 4-6, 2010	Thursday-Saturday
578	December 2-4, 2010	Thursday-Saturday
---	January 2011	(No Meeting)
579	February 10-12, 2011	Thursday-Saturday
580	March 10-12, 2011	Thursday-Saturday
581	April 7-9, 2011	Thursday-Saturday
582	May 12-14, 2011	Thursday-Saturday
583	June 8-10, 2011	Wednesday-Friday
584	July 13-15, 2011	Wednesday-Friday
---	August 2011	(No Meeting)
585	September 8-10, 2011	Thursday-Saturday
586	October 6-8, 2011	Thursday-Saturday
587	November 3-5, 2011	Thursday-Saturday
588	December 1-3, 2011	Thursday-Saturday
---	January 2012	(No Meeting)
589	February 9-11, 2012	Thursday-Saturday
590	March 8-10, 2012	Thursday-Saturday
591	April 12-14, 2012	Thursday-Saturday
592	May 10-12, 2012	Thursday-Saturday
593	June 6-8, 2012	Wednesday-Friday
594	July 11-13, 2012	Wednesday-Friday
---	August 2012	(No Meeting)
595	September 6-8, 2012	Thursday-Saturday
596	October 4-6, 2012	Thursday-Saturday
597	November 1-3, 2012	Thursday-Saturday
598	December 6-8, 2012	Thursday-Saturday

The proposed dates for Subcommittee meetings would be the following:

- two days before a full committee meeting,
- the second Thursday/Friday after a full committee meeting, or
- the Thursday/Friday during the third week of a month with no full committee meeting.

The meeting was adjourned at 1:00 p.m. on June 6, 2008.

**NUCLEAR REGULATORY  
COMMISSION****Advisory Committee on Reactor  
Safeguards (ACRS); Subcommittee  
Meeting on Planning and Procedures;  
Notice of Meeting**

The ACRS Subcommittee on Planning and Procedures will hold a meeting on June 3, 2008, 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:

**Tuesday, June 3, 2008, 8 a.m. Until 9 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 Officer, 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. Detailed procedures for the conduct of and participation in ACRS meetings were published in the **Federal Register** on September 26, 2007 (72 FR 54695).

Further information regarding this meeting can be obtained by contacting the Designated Federal Officer 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: May 13, 2008.

**Cayetano Santos,**

Chief, Reactor Safety Branch.

[FR Doc. E8-11230 Filed 5-19-08; 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 4-6, 2008, 11545 Rockville Pike, Rockville, Maryland. The date of this meeting was previously published in the **Federal Register** on Monday, October 22, 2007 (72 FR 59574).

**Wednesday, June 4, 2008, 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.: ARTIST Test Program (Open)**—The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding the findings from the ARTIST Tests on aerosol retention in the secondary side of a steam generator, and related matters.

**10:15 a.m.-11:45 a.m.: Risk Assessment Standardization Project (Open)**—The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding the Risk Assessment Standardization Project (RASP) and related matters.

**1:45 p.m.-3:45 p.m.: Overview of the U.S. Evolutionary Power Reactor (EPR) Design (Open)**—The Committee will hear presentations by and hold discussions with representatives of the NRC staff and AREVA Nuclear Power Inc., regarding design features of the EPR and related matters.

**4 p.m.-5 p.m.: Status of the Development of Rules and Regulatory Guidance in the areas of Safeguards and Security (Open)**—The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding the status of activities associated with the development of rules and regulatory guidance in the safeguards and security areas.

**5 p.m.-5:30 p.m.: Status of the Quality Assessment of Selected Research Projects (Open)**—The Committee will hold discussions with the Chairmen of the ACRS Panels regarding the status of the quality

assessment of the research projects on: FRAPCON/FRAPTRAN Code work at the Pacific Northwest National Laboratory; and NUREG-6943, "Study of Remote Visual Methods to Detect Cracking in Reactor Components."

**5:45 p.m.-7 p.m.: Preparation of ACRS Report (Open)**—The Committee will prepare and discuss the proposed ACRS report on the ARTIST Test Program.

**Thursday, June 5, 2008, 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 ACRS meetings. 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.-11:15 a.m.: Preparation for Meeting with the Commission (Open)**—The Committee will hold discussions in preparation for their meeting with the Commission on the following topics: Safety Research Program Report, Digital I&C Matters, State-of-the-Art Reactor Consequence Analysis Program, ESBWR Design Certification, and Extended Power Uprates and related Technical Issues.

**1:30 p.m.-3:30 p.m.: Meeting with the Commission (Open)**—The Committee will meet with the Commission to discuss topics noted above.

**3:45 p.m.-6 p.m.: Preparation of ACRS Report (Open)**—The Committee will continue its discussion of a proposed ACRS report on the ARTIST Test Program.

**Friday June 6, 2008, 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.: Overview of the US-Advanced Pressurized Water Reactor (US-APWR) Design (Open)**—The Committee will hear presentations by and hold discussions with representatives of the NRC staff and Mitsubishi Heavy Industries, Ltd., regarding design features of the US-APWR and related matters.

**10:45 a.m.–11:45 a.m.: Status of NRC Staff Activities Associated with the Resolution of Generic Safety Issue (GSI)-191, "Assessment of Debris Accumulation on Pressurized-Water Reactor (PWR) Sump Performance" (Open)**—The Committee will hear presentations by and hold discussions with representatives of the NRC staff regarding the status of NRC staff activities associated with the resolution of GSI-191.

**1:15 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 September 26, 2007 (72 FR 54695). In accordance with those procedures, oral or written views may be presented by members of the public, including representatives of the nuclear industry. Electronic recordings will be permitted only during the open portions of the meeting. Persons desiring to make oral statements should notify the Cognizant ACRS staff named below five days before the meeting, if possible, so that appropriate arrangements can be made to allow necessary time during the meeting for such statements. Use of still, motion picture, and television cameras during the meeting may be limited to selected portions of the meeting as determined by the Chairman.

Information regarding the time to be set aside for this purpose may be obtained by contacting the Cognizant ACRS staff prior to the meeting. In view of the possibility that the schedule for ACRS meetings may be adjusted by the Chairman as necessary to facilitate the conduct of the meeting, persons planning to attend should check with

the Cognizant ACRS staff if such rescheduling would result in major inconvenience.

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. Girija S. Shukla, Cognizant ACRS staff (301-415-6855), 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/>.

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, 2008.

**Andrew L. Bates,**

*Advisory Committee Management Officer.*

[FR Doc. E8-11232 Filed 5-19-08; 8:45 am]

**BILLING CODE 7590-01-P**

## **NUCLEAR REGULATORY COMMISSION**

### **Sunshine Act Notice**

**AGENCY HOLDING THE MEETINGS:** Nuclear Regulatory Commission.

**DATES:** Weeks of May 19, 26, June 2, 9, 16, 23, 2008.

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

**STATUS:** Public and Closed.

*Week of May 19, 2008*

There are no meetings scheduled for the Week of May 19, 2008.

*Week of May 26, 2008—Tentative*

Tuesday, May 27, 2008

1:30 p.m.—NRC All Hands Meeting (Public Meeting), Marriott Bethesda North Hotel, 5701 Marinelli Road, Rockville, MD 20852.

Wednesday, May 28, 2008

9:30 a.m.—Briefing on Equal Employment Opportunity (EEO) and Workforce Planning (Public Meeting) (Contact: Kristin Davis, 301-492-2266).

This meeting will be webcast live at the Web address—<http://www.nrc.gov>.

*Week of June 2, 2008—Tentative*

Wednesday, June 4, 2008

9 a.m.—Briefing on Results of the Agency Action Review Meeting (AARM) (Public Meeting) (Contact: Shaun Anderson, 301-415-2039).

This meeting will be webcast live at the Web address—<http://www.nrc.gov>.

Thursday, June 5, 2008

1:30 p.m.—Meeting with Advisory Committee on Reactor Safeguards (ACRS) (Public Meeting) (Contact: Tanny Santos, 301-415-7270).

This meeting will be webcast live at the Web address—<http://www.nrc.gov>.

*Week of June 9, 2008—Tentative*

There are no meetings scheduled for the Week of June 9, 2008.

*Week of June 16, 2008—Tentative*

There are no meetings scheduled for the Week of June 16, 2008.

*Week of June 23, 2008—Tentative*

Friday, June 27, 2008

9:30 a.m.—Periodic Briefing on New Reactor Issues (Public Meeting) (Contact: Donna Williams, 301-415-1322).

This meeting will be webcast live at the Web address—<http://www.nrc.gov>.

\* \* \* \* \*

\* The schedule for Commission meetings is subject to change on short notice. To verify the status of meetings, call (recording)—301-415-1292. Contact person for more information: Michelle Schroll, 301-415-1662.

\* \* \* \* \*

### *Additional Information*

The start time for the Briefing on Results of the Agency Action Review Meeting (AARM) (Public Meeting) on Wednesday, June 4, 2008, has been changed from 9:30 a.m. to 9 a.m.

\* \* \* \* \*

The NRC Commission Meeting Schedule can be found on the Internet





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

May 13, 2008

Appendix II

SCHEDULE AND OUTLINE FOR DISCUSSION  
553rd ACRS MEETING  
JUNE 4-6, 2008

WEDNESDAY, JUNE 4, 2008, 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. ARTIST Test Program (Open) (JSA/DEB)  
2.1) Remarks by the Subcommittee Chairman  
2.2) Briefing by and discussions with representatives of the NRC staff regarding the synthesis on the findings from the ARTIST tests on aerosol retention in the secondary side of a steam generator, 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\*\*\*  
10:05-10:20

- 3) 10:15 - 11:45 A.M. Risk Assessment Standardization Project (Open) (GEA/HJV)  
10:20-11:20 Briefing by and discussions with representatives of the NRC staff regarding the Risk Assessment Standardization Project (RASP) and related matters.

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

**11:45 - 1:45 P.M.** \*\*\*LUNCH\*\*\*  
11:20

- 4) 1:45 - 3:45 P.M. Overview of the U.S. Evolutionary Power Reactor (EPR) Design (Open) (DAP/DAW)  
3:50 4.1) Remarks by the Subcommittee Chairman  
4.2) Briefing by and discussions with representatives of the NRC staff and AREVA Nuclear Power Inc. regarding design features of the EPR and related matters.

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

**3:45 - 4:00 P.M.** \*\*\*BREAK\*\*\*  
3:50-4:05

- 5) ~~4:00~~ - 5:00 P.M. Status of the Development of Rules and Regulatory Guidance in the areas of Safeguards and Security (Open) (MVB/MB)  
6) 4:05 5.1) Briefing by and discussions with representatives of the NRC staff regarding the status of activities associated with the development of rules and regulatory guidance in the safeguards and security areas.
- 6) 5:00 - 5:30 P.M. Status of the Quality Assessment of Selected Research Projects (Open) (DAP/HPN)  
6.1) Report by and discussions with the Chairmen of the ACRS Panels regarding the status of the quality assessment of the research projects on: FRAPCON / FRAPTRAN Code work at the Pacific Northwest National Laboratory; and NUREG-6943, "Study of Remote Visual Methods to Detect Cracking in Reactor Components."

**ADJOURNED AT 5:30 P.M.**

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

- 7) ~~5:45 - 7:00 P.M.~~ Preparation of ACRS Report (Open)  
~~Discussion of proposed ACRS report on:~~  
~~7.1) ARTIST Test Program (JSA/DEB)~~

**THURSDAY, JUNE 5, 2008, 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. 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.
- 10) 9:30 - 9:45 A.M. Reconciliation of ACRS Comments and Recommendations (Open) (WJS, et al. /CS, 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 – 11:15 A.M. Preparation for Meeting with the Commission (Open) (WJS, et al. /FPG, et al.)  
Discussion of the following topics for meeting with the Commission:
- Overview (WJS/SD)
  - Safety Research Program Report(DAP/HPN)
  - Digital I&C Matters (GEA/CEA)
  - State-of-the-Art Reactor Consequence Analysis (SOARCA) Program (WJS/HPN)
  - ESBWR Design Certification (MLC/DEB)
  - Extended Power Uprates and related Technical Issues (MVB/ZA)

**11:15 - 1:30 P.M. \*\*\*LUNCH\*\*\***

- 12) 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 11.

~~3:30 – 3:45 P.M. \*\*\*BREAK\*\*\*~~

- 13) ~~3:45 – 6:00 P.M.~~ Preparation of ACRS Report (Open)  
4:00 Discussion of proposed ACRS report on:  
13.1) ARTIST Test Program (JSA/DEB)

**MEETING ADJOURNED AT 5:45 P.M.**

**FRIDAY, JUNE 6, 2008, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 14) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (WJS/CS/SD)
- 15) 8:35 - 10:30 A.M. Overview of the US-Advanced Pressurized Water Reactor (US-APWR) Design (Open) (OLM/NMC/DEB)
- 15.1) Remarks by the Subcommittee Chairman
- 15.2) Briefing by and discussions with representatives of the NRC staff and Mitsubishi Heavy Industries, Ltd. regarding design features of the US-APWR and related matters.

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

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

- 16) 10:45 - 11:45 P.M. Status of NRC Staff Activities Associated with the Resolution of Generic Safety Issue (GSI)-191, "Assessment of Debris Accumulation on Pressurized-Water Reactor (PWR) Sump Performance" (Open) (SB/DEB)

16.1) Briefing by and discussions with representatives of the NRC staff regarding the status of NRC staff activities associated with the Resolution of GSI-191.

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

**11:45 - 1:15 P.M. \*\*\*LUNCH\*\*\***

- 17) 1:15 - 1:30 P.M. Miscellaneous (Open) (WJS/FPG)  
Discussion of matters related to the conduct of Committee activities and matters and specific issues that were not completed during previous meetings, as time and availability of information permit.

NOTE:

Presentation time should not exceed 50 percent of the total time allocated for a specific item. The remaining 50 percent of the time is reserved for discussion.

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

June 4, 2008

	<b><u>NAME</u></b>	<b><u>NRC ORGANIZATION</u></b>
1	H. Esmaili	RES
2	S. Wong	NRR
3	J. Foster	RES
4	T. Kolb	NRR
5	C. Hinten	RES
6	E. Goldfeiz	RES
7	R. Jenkins	RES
8	B. Wagner	RES
9	S. Lai	RES
10	D. O'Neal	RES
11	M. Stutzke	RES
12	P. Appignani	RES
13	J. Monninger	RES
14	D. Marksberry	RES
15	S. Sancaletar	RES
16	A. Kurtzky	RES
17	M. Fravonovich	NRR
18	D. Helton	RES
19	C. Lui	RES
20	G. Testaye	NRO
21	T. Roy	NRO
22	S. Arora	NRO
23	P. Hearn	NRO
24	S. Lu	NRO
25	J. Rycyna	NRO
26	M. Canova	NRO
27	J. Donohue	NRO
28	F. Forty	NRO
29	D. Dube	NRO
30	H. Phen	NRO

June 4, 2008

29	J. Colaccino	NRO
30	B. Schnetzler	NSIR
31	T. Reed	NRR
	D. Rahn	NMSS
33	N. Gilles	NRO
34	P. Madden	NRO
35	P. Holahan	NSIR
36	J. Zimmerman	NRR
37	S. Ali	RES
38	B. Richter	NRR
39	R. Lois	NRR

June 5, 2008

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2	E. Roach	NRO
3	J. Shaperow	RES
4	J. Mitchell	RES

June 6, 2008

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3	N. Otto	NRO
4	M. Takacs	NRO
5	J. Perez	RES
6	J. Schmidt	NRR
7	J. Honcharik	NRO
8	E. Reichelt	NRO
9	R. Clement	NRO
10	L. Monica	NRO
11	D. Dube	NRO
12	L. Burkhart	NRO
13	H. Boltman	NRO

14	S. Schroer	NRO
15	R. Chazell	NRO
16	Y. Wong	NRO
17	P. Hearn	NRO
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19	Y. G.	NRO
20	A. Drozd	NRO
21	S. Monagene	NRO
22	R. Landry	NRO
23	M. Yoder	NRR
24	P. Klein	NRR
25	D. McGovern	NRO
26	J. Barr	RES
27	B. Ruland	NRR
28	A. Hiser	NRR
29	J. Burke	RES
30	M. Galloway	NRR
31	R. Artchizel	NRR
32	T. Koshy	RES

June 4, 2008

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1	<u>D. Algama</u>	<u>Mitsubishi Nuclear Energy Systems</u>
2	<u>R. Pederson</u>	<u>AREVA NP</u>
3	<u>V. Fregunese</u>	<u>AREVA NP</u>
4	<u>M. Parece</u>	<u>AREVA NP</u>
5	<u>S. Sloan</u>	<u>AREVA NP</u>
6	<u>R. Salm</u>	<u>AREVA NP</u>
7	<u>M. Carpenter</u>	<u>AREVA NP</u>
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10	<u>J. Mihalak</u>	<u>Uniston Nuclear Energy</u>
11	<u>C. Tally</u>	<u>AREVA</u>
12	<u>M. Owens</u>	<u>AREVA</u>
13	<u>T. Oswald</u>	<u>AREVA</u>
14	<u>R. Sgarro</u>	<u>PPL Nuclear Development</u>
15	<u>J. McLella</u>	<u>NARP</u>
16	<u>G. Zyby</u>	<u>Alion Science &amp; Technology</u>
17	<u>D. Fischer</u>	<u>NUMARK Associates</u>



June 5, 2008

	<b><u>NAME</u></b>	<b><u>OUTSIDE ORGANIZATION</u></b>
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2	<u>J. D. Wolcott</u>	<u>TVA Licensing</u>

June 6, 2008

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5	H. Teshima	MHI
6	M. Takashima	MHI
7	H. Hamamoto	MHI
8	M. Kikuta	MHI
9	Y. Ogata	MHI
10	M. Ishida	MNES
11	S. Watanabe	MNES
12	D. Wood	MHI
13	K. Kawai	MNES
14	S. Kaawanago	MNES
15	T. Hafesa	Worley Parsons
16	S. Unkewicg	Alion
17	T. Shiraishi	MHI
18	K. Yamauchi	MHI
19	D. Fischer	NUMARK Associates
20	M. Lucas	Luminant
21	K. Paulson	MNES
22	D. Lange	MNES
23	J. Butler	NEI

LIST OF DOCUMENTS FROM THE  
553<sup>rd</sup> ACRS MEETING JUNE 4-6, 2008

Agenda Item 2:  
ARTIST Test Program

1. Proposed Schedule
2. Status Report
3. References

Agenda Item 3:  
Risk Assessment Standardization Project

4. Proposed Schedule
5. Status Report
6. Attachments

Agenda Item 4:  
Overview of the U.S. Evolutionary Power Reactor (EPR) Design

7. Proposed Schedule
8. Status Report
9. References
10. Enclosure

Agenda Item 5:  
Status of the Development of Rules and Regulatory Guidance in the Areas of Safeguards and Security

11. Table of Contents
12. Proposed Meeting Agenda
13. Status Report

Agenda Item 15:

Overview of the US-Advanced Pressurized Water Reactor (US-APWR) Design

14. Proposed Schedule
15. Status Report
16. References
17. Attachments
- 18.

Agenda Item 16:

Status of NRC Staff Activities Associated with the Resolution of Generic Safety Issue (GSI)-191,  
"Assessment of Debris Accumulation on Pressurized-Water Reactor (PWR) Sump  
Performance"

19. Proposed Schedule
20. Status Report
21. References