

# INFORMATION REPORT

August 28, 2009

SECY-09-0120

For: The Commissioners

From: Vonna L. Ordaz  
Assistant for Operations  
Office of the Executive Director for Operations

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING  
AUGUST 21, 2009

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\*No input this week.

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Office of Nuclear Reactor Regulation (NRR)  
Items of Interest  
Week Ending August 21, 2009

American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Meetings

During the week of August 10, 2009, staff participated in meetings on ASME Boiler and Pressure Vessel Code, Sections III, V, and XI. The staff participated in the following significant activities: (1) meetings regarding code cases which address inspection and repair requirements for mitigating the effects of primary water stress corrosion cracking in nickel-based dissimilar metal butt welds in reactor coolant pressure boundary piping of pressurized water reactors; (2) discussions on the coordination of these mitigation and inspection requirements for dissimilar metal butt welds as related to the current Title 10 of the *Code of Federal Regulations*, Part 50.55a, rulemaking activities to incorporate the latest edition and addenda of the ASME Boiler and Pressure Vessel Code; and (3) meetings regarding a code case to be used by licensees for designing, fabricating, joining, and inspecting replacement piping made from high density polyethylene. These issues are related to a number of current and anticipated operating plant licensing actions.

Issuance of the Safety Evaluation Reports (SERs) Related to License Renewal of Indian Point Nuclear Generating Units 2 (IP2) and 3 (IP3)

By letters dated August 11, 2009, the NRC staff issued the final SERs related to license renewal of IP2 and IP3. The SERs addressed the license renewal applications submitted by Entergy Nuclear Operations, Inc., by letter dated April 23, 2007, as supplemented by letters dated May 3 and June 21, 2007, in accordance with Title 10, Part 54, of the *Code of Federal Regulations*, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants," to request renewal of the IP2 and IP3 operating licenses for an additional 20 years. The current licenses expire at midnight on September 28, 2013, for IP2, and at midnight on December 12, 2015, for IP3. The staff is scheduled to meet with the Advisory Committee on Reactor Safeguards in a public meeting to be held on September 10, 2009, to discuss the Safety Evaluation Report.

Meeting with Licensees/Westinghouse Regarding Steam Generator H\* Issues

From August 17-18, 2009, NRR staff met with representatives of the licensees for Vogtle and Comanche Peak and with their Westinghouse contractor at the Westinghouse Waltz Mill facility to discuss the tube sheet bore radial displacement/eccentricity issue relating to H\* license amendment requests. Vogtle and Comanche Peak 2 are the lead plants for the H\* amendment requests for the model F and D5, respectively. The tube sheet bore radial displacement / eccentricity issue is the last remaining open issue pertaining to the H\* amendments. The meeting focused on the information and additional analysis needed for the staff to complete its review of the amendment request. There appeared to be an understanding on the part of the licensees and Westinghouse with regard to what is needed to resolve the issue. Westinghouse will provide its supplemental report of this issue by August 24, 2009, to the licensees. The licensees expect to complete their review of this report and to provide it to the staff by August 28, 2009.

### Meetings Held Regarding Generic Safety Issue (GSI) 191

From August 17-20, 2009, the staff held meetings with multiple licensees to discuss and provide feedback on licensee plans and approaches to resolving GSI 191, Pressurized Water Reactor Sump Performance. In each case, remaining issues were identified and plans made for follow-on interactions to resolve those remaining items.

### License Renewal Application for Salem Nuclear Generating Station and Hope Creek Generating Station

On August 18, 2009, the staff received applications from PSEG Nuclear LLC, requesting the extension of the operating licenses for the Salem Nuclear Generating Station, Units 1 and 2, and the Hope Creek Generating Station. The applications request an additional 20 years beyond the current 40-year terms, pursuant to 10 CFR Parts 51 and 54. Salem Units 1 and 2's current operating licenses expire at midnight on July 13, 2016, and April 18, 2020, respectively. The Hope Creek current operating license expires at midnight on April 11, 2026. The staff plans to hold a public information session near the plant site in the near future to describe the license renewal process.

### Advisory Committee on Reactor Safeguards (ACRS) Subcommittee Briefing

On August 18, 2009, NRC Division of Risk Assessment staff briefed the ACRS Fire Protection and Plant Operations Subcommittee on Draft Final Revision 2 to Regulatory Guide (RG) 1.189, "Fire Protection for Nuclear Power Plants." Revision 2 to RG1.189 endorses portions of Nuclear Energy Institute (NEI) 00-01 and provides guidance on fire-induced circuit failures. The purpose of the August 18, 2009, briefing was to discuss the major changes from Revision 1 to Revision 2 and the Staff Requirements Memorandum related to SECY 08-0093, "Resolution of Issues Related to Fire-Induced Circuit Failures." The Division of Risk Assessment staff plans to brief the ACRS Fire Protection and Plant Operations Full Committee on September 10, 2009.

On August 18, 2009, NRC Division of Risk Assessment staff briefed the ACRS Subcommittee on Reliability and Probabilistic Risk Assessment. The topics discussed were the Draft Final Revision 1 to RG 1.205, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants" (74 FR 12910) and the Standard Review Plan (SRP) Section 9.5.1.2, "Risk-Informed Performance-Based Fire Protection Program." The purpose of the August 18, 2009, briefing was to discuss the resolution of public comments on Revision 1 to RG 1.205 and on SRP Section 9.5.1.2.

### Brunswick Units 1 and 2 - Potential MELLA (Computer Code) Plus Application

On August 19, 2009, NRR held a public meeting with Progress Energy (the licensee) to discuss potential license changes and licensee's overall plan to implement MELLA Plus at Brunswick, Units 1 and 2. During this pre-application meeting, Progress Energy and staff discussed the proposed anticipated transient without scram event mitigation strategy and enhanced long term stability solution implementation.

Office of New Reactors (NRO)  
Items of Interest  
Week Ending August 21, 2009

Nine Mile Point Unit 3 (NMP3) Combined License Application (COLA) Review Schedule

By letter dated August 17, 2009, UniStar Nuclear Energy (UNE) requested that the NRC reschedule the start of the Phase 1 review for the NMP3 COLA to September 2010. UNE stated that the reason for the request is to sequence the NRC's review of the NMP3 COLA behind the review of UNE's Calvert Cliff COLA. The NMP3 COLA was docketed on December 12, 2008. Subsequent to docketing, UNE had requested that Phase 1 of the NMP3 COLA review start in September 2009.

Calvert Cliffs COLA Schedule

On August 20, 2009, the NRC forwarded a revised Calvert Cliffs Environmental Impact Statement (EIS) review schedule to UniStar. The schedule had been changed to TBD in December 2008 as a result of supplemental changes to the site design, and inconsistencies between the COLA and a state environmental permit application. UniStar submitted a revised alternative site selection process on July 17, 2009 to address concerns identified by the staff. Based on UniStar's submittal, the staff developed an environmental review schedule that reflects EIS work completed to date, and results in publication of the draft EIS in March 2010 and final EIS in February 2011. This represents an approximate delay from the original review schedule of 13 months.

Office of Nuclear Material Safety and Safeguards (NMSS)  
Items of Interest  
Week Ending August 21, 2009

Workshop on Advanced Fuel Cycles Technology and Careers

On August 12, 2009, NMSS staff attended, by invitation, a workshop entitled, "Advanced Fuel Cycles Technology and Careers." The workshop was hosted by GE Hitachi and held in Wilmington, North Carolina. The purpose of the workshop was to better inform college students, nominated by their institutions, to careers in Advanced Fuel Cycles. Approximately 20 students from 15 institutions participated. The staff gave a presentation on the spectrum of NMSS regulatory activities in the fuel cycle arena (conversion, enrichment, fuel fabrication, transportation, interim spent fuel storage, disposal, and reprocessing). Staff also provided information on employment at NRC.

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ENCLOSURE C

Office of Federal and State Materials and Environmental Management Programs (FSME)  
Items of Interest  
Week Ending August 21, 2009

Nevada Radiation Control Program Reviewed

On August 17, 2009, the Management Review Board met to consider the findings of the Nevada Integrated Materials Performance Evaluation Program review. The State was found satisfactory for all performance indicators reviewed, except the indicator on Compatibility, which was found satisfactory, but needs improvement (i.e., there were some amendments to rulemakings that had not been submitted to NRC for final review and/or were overdue for submission). Overall, the program was found adequate to protect public health and safety and compatible with NRC's program.

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ENCLOSURE D

Office of Administration (ADM)  
Items of Interest  
Week Ending August 21, 2009

Assessment of Safety of New Advanced Nuclear Power Plants

On August 5, 2009, as a result of a competitive acquisition under the General Services Administration (GSA) Federal Supply Schedule, a labor hour blanket purchase agreement (BPA) (NRC-DR-04-09-041), was awarded to Energy Research, Inc. in Rockville, Maryland to obtain expert technical assistance in accomplishing activities aimed at supporting the assessment of the overall safety and adequacy of new and advanced nuclear power plant designs. The period of performance for the BPA is August 5, 2009, through August 4, 2012, with a total estimated value of \$974,445.00.

E-Travel Operations and Maintenance Services

On August 6, 2009, a labor hour, non-competitive delivery order was awarded under the GSA Federal Supply Schedule (NRC-DR-09-09-328), was awarded to CW Government Travel, Inc. in Arlington, Virginia to obtain e-travel operations and maintenance services. The period of performance is October 1, 2009, through November 11, 2013, inclusive of all option periods. The total estimated value, including all options, is \$8,420,072.00.

Update of Revision 1 and 2 of Generic Aging Lessons Learned (GALL)

On August 6, 2009, as a result of a competitive acquisition under GSA Federal Supply Schedule, a labor hour delivery order (NRC-DR-03-09-073), was awarded to Advance Technology and Laboratories (ATL) International, Inc. in Germantown, Maryland for technical assistance with the update of the Revision 1 and 2 of GALL. The period of performance is from August 6, 2009, through August 5, 2011. The total value of the delivery order is \$801,013.18.

NRC Recruitment Program Logistical Support

On August 7, 2009, as a result of a negotiated non-competitive award under the authority of Section 8(a) of the Small Business Act, a fixed price contract (NRC-10-09-411) was awarded to projectWorks in Frederick, Maryland to provide logistical support, management and storage of displays, and distribution of inventory in support of the NRC's Recruitment Program. The period of performance is August 7, 2009, through August 6, 2010, with four 1-year options. The value of the contract is \$249,879.00.

Renewal of Institute of Electrical and Electronics Engineers, Inc./Institution of Engineering and Technology (IEEE/IET) Library Subscription

On August 10, 2009, a negotiated non-competitive, fixed price award (NRC-33-09-339), was made to IEEE, Inc. in Piscataway, New Jersey for the renewal of the IEEE/IET online library subscription. The period of performance is August 10, 2009, through August 9, 2010, plus four 1-year options. The total price, including all options, is \$324,220.00.

Performance-Based Emergency Core Cooling System (ECCS) Acceptance Criteria; Advance Notice of Proposed Rulemaking (10 CFR PART 50) (RIN 3150-AH42, NRC-2008-0332)

On August 13, 2009, NRC published a document (74 FR 40765) in the *Federal Register* that provides advance notice of a proposed rulemaking to revise the acceptance criteria for ECCSs for light-water nuclear power reactors as currently required by NRC regulations that govern domestic licensing of production and utilization facilities. Revised ECCSs' acceptance criteria would reflect recent research findings that indicate the current criteria should be reevaluated for all fuel cladding materials in all potential conditions. Further, the NRC is considering an approach that would expand the applicability of the rule to all current and future cladding materials, modify the reporting requirements, and address the issues raised in a petition for rulemaking (PRM) regarding crud and oxide deposits and hydrogen content in fuel cladding. The NRC seeks comment on specific questions and issues for consideration related to this proposed conceptual approach to revising the ECCSs' acceptance criteria. The comment period for this action closes on October 27, 2009.

Export and Import of Nuclear Equipment and Material; Updates and Clarifications (10 CFR PART 110 (A116, NRC-2008-0567)

On August 14, 2009, the NRC published a document (74 FR 41096) in the *Federal Register* reopening the comment period specific to the information collection aspects of a proposed rule published on June 23, 2009 (74 FR 29614), that would amend the NRC's regulations that govern the export and import of nuclear equipment and material. The comment period for comments specific to the information collection aspects of the proposed rule closed on July 23, 2009; the comment period is reopened and now closes on September 8, 2009.

Office of Information Services (OIS)  
Items of Interest  
Week Ending August 21, 2009

Freedom of Information Act (FOIA) and Privacy Act (PA) Requests Received During the Period of August 14, 2009, through August 20, 2009:

Resumes or materials of all persons considered for or appointed to a Schedule C position; a non-career member of the Senior Executive Service; and all persons employed as Senate confirmed presidential appointments by agency - January 20, 2001, through September 1, 2009	FOIA/PA-2009-0254
Investigation conducted by NRC in regard to claim by [named individual] against Detroit Edison/DTE Energy Company, any and all documents	FOIA/PA-2009-0255
Allegation RIV-1999-A-0171, all documents including correspondence between named individual and NRC	FOIA/PA-2009-0256
Radioluminescent military "deck markers" and/or military "personnel markers" located in metal scrap yards or metal recycling operation sites, 1950 to present	FOIA/PA-2009-0257
Office of Investigations case 2-2009-008	FOIA/PA-2009-0258
Subcontractors with contracts with NRC from Australia, 2000-2009	FOIA/PA-2009-0259

Office of Human Resources (HR)  
 Items of Interest  
 Week Ending August 21, 2009

<b>Arrivals</b>		
Gilbertson, Anders	Reliability and Risk Analyst	RES
Marquez, Stephanie	Student Engineer (Co-Op)	RIV
Powers, Ross	Student Engineer (Co-Op)	NRO
Weiner, Ruth	Consultant	ACRS
<b>Departures</b>		
Battle, Stephanie	Student Clerk	NSIR
Carnes, Ashley	Student Management Analyst	RES
Cheong, Giny	Student Program Analyst	HR
Davis, Kyra	Student Engineer	FSME
Eastman, David	Student Clerk	RES
Follett, Carli	Student Engineer	RES
Gaurneri, W. Peter	Student Law Clerk	OGC
Gran, Zachary	Student Scientist	NRO
Lamb, David	Student Engineer	NRR
Lapp, Andrew	Student Personnel Security Assistant	ADM
Lawrence, Timothy	Student Clerk	RES
Sathyamoorthy, Vidya	Student Management Analyst	OIG
Whited, Jeffrey	Student Engineer	NRR
Yates, David	Student Engineer	RES

Office of Public Affairs (OPA)  
Items of Interest  
Week Ending August 21, 2009

OPA Received Significant Media Inquiries on the Following:

Decommissioning fund shortfalls and the interest in the licensee action plan.

Veteran's Administration brachytherapy program issues following NRC notification of six additional medical mistake cases.

Oyster Creek power plant in Forked River, New Jersey status of NRC groundwater contamination inspections.

New and current Commissioner status

Atomic Safety and Licensing Board's decision to allow NRC to issue Vogtle's in Georgia an early site permit and limited work authorization.

<b>Press Releases</b>	
<b>Headquarters:</b>	
09-134	NRC Announces Selection of New Member of the Advisory Committee on Medical Uses of Isotopes (08/17)
09-135	NRC Announces Hearing Opportunity, Public Meetings in Hawaii on U.S. Army Depleted Uranium Munitions (08/17)
09-136	NRC Accepts GE-Hitachi Application for Uranium Enrichment Facility in North Carolina (08/17)
09-137	NRC Meeting August 20 to Discuss Decommissioning Funding Assurance for Nuclear Reactors (08/17)
09-138	NRC to Hold Public Workshops in Maryland and Utah on Safe Disposal of Depleted Uranium and Other Unique Waste Streams (08/20)
<b>Regions:</b>	
IV-09-028	NRC Conducting Special Inspection at Columbia Generating Station (08/17)
II-09-047	NRC Requires Improvements at United States Enrichment Corporation's Paducah Facility (08/19)

Office of the Secretary (SECY)  
Items of Interest  
Week Ending August 21, 2009

Document Released to Public	Date	Subject
<b>Information Papers</b>		
1. SECY-09-0112	08/18/09	Weekly Information Report – Week Ending August 7, 2009

Federal Register Notices Issued

1. Advisory Committee on Reactor Safeguards (ACRS), Meeting of the ACRS Subcommittee, notice of meeting (09/09/2009).
2. ACRS, Subcommittee Meeting on Planning and Procedures, notice of meeting (09/09/2009, p.m.).
3. ACRS, Meeting of the Materials, Metallurgy, and Reactor Fuels Subcommittee, notice of meeting (09/24-25/2009).
4. ACRS, notice of 565<sup>th</sup> meeting (9/10-12/2009).
5. ACRS, Meeting of the Materials, Metallurgy, and Reactor Fuels Subcommittee, notice of meeting (09/23/2009).

Region II (RII)  
Items of Interest  
Week Ending August 21, 2009

Deputy Regional Administrator Attends Nuclear Strategic Issues Advisory Committee Meeting in Atlanta

On August 20, 2009, the Deputy Regional Administrator attended the Nuclear Strategic Issues Advisory Committee meeting in Atlanta.

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ENCLOSURE P