

INFORMATION REPORT

June 29, 2007

SECY-07-0106

For: The Commissioners
From: Vonna L. Ordaz, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING
JUNE 22, 2007

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*No input this week.

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Office of Nuclear Reactor Regulation (NRR)
Items of Interest
Week Ending June 22, 2007

2007 Primary Water Stress Corrosion Cracking of Alloy 600 International Conference

On June 11-13, 2007, the NRC staff attended the 2007 Primary Water Stress Corrosion Cracking of Alloy 600 International Conference in Atlanta, GA. At the meeting, the staff made presentations discussing regulatory activities related to reactor pressure vessel head inspections and a status report on the activities surrounding the findings of primary water stress corrosion flaws in reactor coolant system butt welds.

NRC Hosts Digital Instrumentation and Control Meeting for Foreign Representatives

On June 18, 2007, the NRR, New Reactors, and Nuclear Regulatory Research hosted an all-day meeting with multiple foreign representatives to discuss diversity and defense-in-depth related to digital instrumentation and control issues. The countries participating were France, Japan, Sweden, Germany, and Canada. The discussion was informative in sharing similar unresolved issues throughout the international community in defining what is acceptable diversity and defense-in-depth in digital systems.

License Renewal Application Acceptance Review for Indian Point Nuclear Generating Unit Nos. 2 and 3

On June 18, 2007, the NRC staff issued a letter to Entergy Nuclear Operations, Inc. (Entergy) regarding the acceptance review of the license renewal application (LRA) for Indian Point Nuclear Generating Unit Nos. 2 and 3. In its letter, the NRC staff informed the applicant that certain information is needed for the staff to complete its acceptance review, specifically, the current licensing basis for Unit 2 was not fully represented. In this regard, the LRA did not include information on the gas turbines currently credited as an alternate power supply for the safe shutdown requirements and station blackout (SBO) requirements. The letter requested Entergy to respond within 14 days of receipt of the NRC's letter and inform the staff of how it plans to resolve the acceptance issue.

Meeting with Nuclear Energy Institute

On June 19, 2007, representatives of the NRR and RES staffs met with representatives of the Nuclear Energy Institute, the PWR Owners Group, and PWR licensees regarding Generic Safety Issue (GSI)-191, "Assessment of Debris Accumulation on PWR Sump Performance." The staff communicated results of two systematic efforts to identify and disposition remaining technical questions regarding GSI-191, and brought up 11 specific technical issues licensees need to address. With respect to chemical effects, industry testing remains a work in progress. The staff also reported on a proposal for NRC-sponsored scoping analyses intended to disposition issues raised by an NRC-sponsored peer review report on chemical effects. Finally, the staff discussed concerns with licensees' progress in learning from and addressing repeat open items identified in NRC audits of licensee corrective actions for sump performance. The staff stated that improved licensee performance is expected in the future, to be verified by the staff in future audits and in review of licensee submittals to address GSI-191.

Office of New Reactors (NRO)
Items of Interest
Week Ending June 22, 2007

Safeguards Protection Orders

On June 15, 2007, the staff issued an Order to General Electric imposing Safeguards Information (SGI) protection requirements and fingerprinting and criminal history records check requirements for access to SGI. This Order was issued in preparation of the sharing of the Commission-specified aircraft impact characteristics as directed in SECY-06-0204. Orders to the remaining new reactor vendors will be issued as they are prepared.

On June 15, 2007, the staff received Westinghouse's response to the Order issued on June 8, 2007. The staff is in the process of reviewing the response. If the response is found acceptable, the SGI-level Commission-specified aircraft characteristics will be provided to Westinghouse.

Office of Nuclear Material Safety and Safeguards (NMSS)
Items of Interest
Week Ending June 22, 2007

Observation Audit of Yucca Mountain Groundwater Infiltration Model

On June 18, 2007, the staff completed observation of the U.S. Department of Energy (DOE), Office of Civilian Radioactive Waste Management's quality assurance audit of the current groundwater infiltration model for Yucca Mountain. This latest model was done by Sandia National Laboratory for the Yucca Mountain Project. Staff provided its observations on the audit to DOE. An NRC observation report will be published after the staff reviews the DOE audit report.

Quarterly Management Meeting on Yucca Mountain

On June 14, 2007, NRC and U.S. Department of Energy (DOE) staff members held a "Quarterly Management Meeting," in Las Vegas, Nevada, on the Yucca Mountain project. The meeting was open to the public. It focused: on project-schedule updates; the availability of reference material supporting a license application; certification of DOE documents in the Licensing Support Network; the status of recent Appendix 7 meetings; future technical exchanges; and DOE quality assurance activities.

Structural Steel Samples from Remnants of I-580 Overpass Accident/Fire Obtained

On June 13, 2007, staff from the NRC and the Center for Nuclear Waste Regulatory Analyses/Southwest Research Institute (CNWRA/SwRI) traveled to a California Department of Transportation (CALTRANS) storage site, in Oakland, California, to meet with CALTRANS representatives, and obtain structural steel samples from remnants of the I-580 overpass that was damaged by a gasoline tanker accident fire, on April 29, 2007. The samples are now at CNWRA/SwRI laboratories, for metallurgical testing, with the objective being to identify the upper range of temperatures that the samples may have been subjected to during the fire event. This data will be used to help assess the performance of spent fuel shipping containers under similar real-life accident conditions.

Meeting with NAC International on MAGNASTOR Dry Cask Storage System

On June 20, 2007, staff met with representatives of NAC International (NAC), to discuss NAC's plans for the resubmittal of the MAGNASTOR dry cask storage system application. The application for a Certificate of Compliance, under 10 CFR Part 72, had been withdrawn by NAC on January 26, 2007, in order to address several open issues identified by the U.S. Nuclear Regulatory Commission (NRC) staff.

At the meeting, NAC described its revised methods and analyses, and proposed revisions to the MAGNASTOR safety analysis report (SAR). NAC has revised its analysis for the structural stability of the spent fuel basket assembly, in response to specific staff comments on the methods and assumptions previously used. NAC also described its planned approach for analyzing and controlling thermal cycling of the spent fuel cladding, during cask preparation activities. It plans to submit a revised thermal analysis for the transfer cask, to demonstrate that

component temperatures will remain within acceptable limits. NAC further described its plans for the format of the revised SAR and the submittal of a supplemental document, to identify all changes made to the previous application. NAC indicated its intent to resubmit the application for NRC review and approval by July 31, 2007.

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Office of Nuclear Regulatory Research (RES)
Items of Interest
Week Ending June 22, 2007

Public Meeting of the Task Working Group (TWG) to Address Digital System Communications that Involve Equipment Assigned to Different Safety Divisions in New and Operating Nuclear Power Plants and Fuel Facilities

On June 14, 2007, the subject TWG met with stakeholders to discuss issues related to licensing digital instrumentation and control (I&C) systems and to address the use of nonsafety control stations for control of safety-related equipment and human factors considerations. During a closed session, a proprietary prioritization module used to establish priority among multiple controls addressing a single safety-related actuator was discussed. Oak Ridge National Laboratories presented an overview and background information concerning a report that they prepared for the Office of Nuclear Regulatory Research concerning safety/nonsafety interactions.

American Nuclear Society (ANS) Fire Probabilistic Risk Assessment (PRA) Methodology Standard Meeting

On June 11-15, 2007, staff from RES and NRR participated in the subject meeting to address public comments on the revised draft of the fire PRA methodology standard. The standard had been recently released by the ANS for public review and comment for a second time, due to extensive changes from the previously-released 2006 version. The standard will support analyses and reviews relevant to the risk-informed, performance-based fire protection rule, 10CFR50.48c, endorsing National Fire Protection Association (NFPA) Standard 805. The current schedule calls for the standard to be issued for use in October 2007.

Publication of Regulatory Guide (RG) 1.206, "Combined License Applications for Nuclear Power Plants (LWR Edition)"

On June 20, 2007, the staff issued the subject RG. The RG, prepared by the Office of New Reactors, provides guidance regarding the information to be submitted in a combined license (COL) application for a nuclear power plant. This guide addresses many of the application options promulgated in the proposed amendment to 10 CFR Part 52. Although a COL applicant is not required to conform to this guidance, its use will facilitate both the preparation of a COL application by the applicant and the timely review of the application by the NRC staff. The RG is available in the Agencywide Documents Access and Management System (ADAMS; package ML070720184) and on the NRC website at <http://www.nrc.gov/reading-rm/doc-collections/reg-guides/power-reactors/active/01-206/>.

Office of Nuclear Security and Incident Response (NSIR)
Items of Interest
Week Ending June 22, 2007

Preliminary Notifications

1. PNO-II-07-005, BRUNSWICK STEAM ELECTRIC PLANT, ONSITE SURFACE WATER AND GROUND WATER TRITIUM CONTAMINATION
2. PNO-III-07-008, POINT BEACH UNIT 1, UNIT 1 REACTOR SHUTDOWN
3. PNO-IV-07-006, SOUTHERN CALIFORNIA EDISON, UNIT 2 REACTOR SHUTDOWN (EVENT NOTIFICATION EN 43435)

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Office of Administration (ADM)
Items of Interest
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Administrative Changes (A118 - 10 CFR Chapter I)

On June 18, 2007, the NRC published a final rule in the *Federal Register* (72 FR 33386) that updates a telephone number and Web site location for the Office of Information Services. The final rule became effective June 18, 2007.

Office of Information Services (OIS)
Items of Interest
Week Ending June 22, 2007

Freedom of Information Act (FOIA) and Privacy Act (PA) Requests Received During the Period of June 15 through June 21, 2007:

Tuba City Uranium Mill, Tuba City, AZ, policies, guidance to designate "vicinity properties:" investigations, inspections or assessments of environmental conditions; remediation, reclamation, decommissioning, or dismantlement; hazardous waste	FOIA/PA-2007-0231
Split Rock Mill, Phelps Dodge, Inc., Jeffrey City, Fremont Co., WY, all records not publicly available from January 1, 2003 to present	FOIA/PA-2007-0232
Long-term aging issues/problems in nuclear power plants, all records; all research and development (R&D) related documents re: technologies to optimize power output, effects on pressure vessels and vessel internals, steam generators, electric cables, system piping, etc.	FOIA/PA-2007-0233
Booz Allen Hamilton, all documents re: contracts awarded under solicitation OIS07374, Enterprise Architecture Program Support Services	FOIA/PA-2007-0234
Indian Point 2, docket 50-247, audit referenced in letter to Consolidated Edison (ConEd) on January 1, 1982, discusses an audit letter from ConEd on February 11, 1980, all documents supporting this audit	FOIA/PA-2007-0235

Office of Human Resources (HR)
 Items of Interest
 Week Ending June 22, 2007

Arrivals		
BROWN, KEYA	SECRETARY (OA)	NRR
CALDERON, CHRISTINA	STUDENT COMMUNICATIONS SPECIALIST	OCA
CANOVA, MICHAEL	PROJECT MANAGER	NRO
CHERRY, BRANDON	SECRETARY (OA)	RES
COCHRAN, JULIA	STUDENT PUBLIC AFFAIRS SPECIALIST	OPA
CUADRADO DE JESUS, SAMUEL	GENERAL ENGINEER (NSPDP)	NRR
GOOD, BENJAMIN	STUDENT ENGINEER	RII
HEINLY, JUSTIN	REACTOR ENGINEER (NSPDP)	RI
MARTIN, DAVID	TECHNICAL LIBRARIAN	OIS
MCCABE, WILLIAM	CHIEF FINANCIAL OFFICER	CFO
MOISE, AMY	STUDENT ENGINEER	NRR
MOORE, ROSS	REACTOR ENGINEER (NSPDP)	RI
MURRY, MAISHA	STUDENT ENGINEER	RI
OBERSON, PAUL	MATERIALS ENGINEER (NSPDP)	NMSS
PRUETT, TIMOTHY	IT SPECIALIST	OIS
REISI-FARD, MEHDI	GENERAL SCIENTIST (NSPDP)	RES
ROMANO, MICHELLE	MC&A PHYSICAL SCIENTIST/STATISTICIAN	RII
SHUFFELTON, DAVID	CRIMINAL INVESTIGATOR	OIG
STAHL, ERIC	STUDENT CLERK	NSIR
SYDNOR, RUSSELL	BRANCH CHIEF	RES
VALENTINE, NICHOLEE	PROGRAM ANALYST	NRR

Departures		
GALLAGHER, BRONWYN	IT SPECIALIST (INFOSEC)	OIS
LARSON, HOWARD	CONSULTANT	ACRS
OTERO-GONZALEZ, LAURA	SUMMER HIRE	HR
WEIL, CHARLES	ENFORCEMENT SPECIALIST	RIII

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Office of Public Affairs (OPA)
Items of Interest
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OPA received significant media inquiries on the following:

Tritium contamination at the Brunswick nuclear power plant in North Carolina.

Pennsylvania's plans to become an Agreement State.

Forbes inquiry about the licensing process for new reactors.

The Atomic Safety and Licensing Board panel decision on the Oyster Creek Plant's license renewal application that will likely result in a hearing in September.

NRC's request to Entergy for additional information on the Indian Point nuclear power plant license renewal.

Other Public Affairs Items:

OPA facilitated an interview between the Office of New Reactors (NRO) and the Office of Nuclear Reactor Regulation (NRR) staff and a reporter from Nikkei Publication in Japan on new reactor licensing, the record of purchase (ROP), and how the agency shares operational experience with the public, industry and internationally.

Press Releases	
Headquarters:	
07-077	NRC Names William McCabe Chief Financial Officer (6/20)
07-078	NRC Advisory Committee on Reactor Safeguards to Meet in Rockville, Maryland, July 11-13 (6/21)
07-079	NRC Recognized for Diversity (6/21)
Regions:	
I-07-036	NRC Names New Senior Resident Inspector at Pilgrim Nuclear Power Plant (6/21)
III-07-021	NRC Begins Special Inspection of Pump Issue at the Point Beach Plant (6/18)
IV-07-020	NRC to Discuss 2006 Performance Assessment for Cooper Nuclear Station (6/18)
IV-07-021	NRC to Discuss 2006 Performance Assessment for Arkansas Nuclear One (6/18)

Regions:	
IV-07-022	NRC to Hold Two Public Meetings about the Diablo Canyon Nuclear Plant on June (6/20)
IV-07-023	NRC Issues Confirmatory Action Letter on Palo Verde Nuclear Plant (6/21)

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ENCLOSURE M

Office of the Secretary (SECY)
 Items of Interest
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Document Released to Public	Date	Subject
Decision Documents		
1. COMSECY-07-0018	04/20/07	Cost Estimate for Davis-Besse Reactor Vessel Head Degradation Display
SRM on 07-0018	06/14/07	(same)
Commission Voting Record on 07-0018	06/14/07	(same)
2. SECY-07-0091 (w/o enclosure)	06/05/07	Integrated Regulatory Review Service Self-Assessment Results and Recommendation to Invite an Integrated Regulatory Review Service Mission to the United States
3. SRM-SECY-07-0066	6/20/07	Annual Report to Commission on Licensee Performance in the Materials and Waste Programs - Fiscal Year 2006
Voting Record on SECY-07-0066	6/20/07	(same)
Information Papers		
1. SECY-07-0090	06/4/07	Status Report on Power Upgrades
2. SECY-07-0099	6/14/07	Weekly Information Report - Week Ending June 1, 2007
3. SECY-07-0100	6/15/07	Weekly Information Report - Week Ending June 8, 2007
4. SECY-07-0095	6/6/07	Staff Actions Taken in Response to the National Academy of Sciences' Study on Transportation of High-Level Waste and Spent Nuclear Fuel in the United States
5. SECY-07-0096	6/7/07	Possible Reactivation of Construction and Licensing Activities for the Watts Bar Nuclear Plant Unit 2

Memoranda		
- M070607	6/22/07	Meeting with Advisory Committee on Reactor Safeguards (ACRS)

Commission Correspondence

1. Letter to Senator Hillary Rodham Clinton, dated June 8, 2007, responding to letter requesting that civil penalty funds related to Entergy's non-compliance with a Commission order be distributed to counties surrounding Indian Point Plant, for use in local emergency planning activities.
2. Letter to Congressman Peter J. Visclosky, dated June 8, 2007, provides an invitation to tour Calvert Cliffs Nuclear Plant.
3. Letter to Richard Blumenthal, Attorney General, Connecticut, dated June 8, 2007, responds to letter expressing concerns about the Formerly Utilized Sites Remedial Action Program at the Windsor, CT site.
4. Letter to Peter Souza, Town Manager, Windsor, CT, dated June 8, 2007, responds to letter commenting on NRC's role in ensuring the public's safety through the overall remediation of the ABB Windsor site in Windsor, CT.
5. Letter to Dr. Ralph J. Cicerone, National Research Council, dated June 8, 2007, requesting that the Council share the draft report prepared by the Radiation Source Use and Replacement Study Committee with the NRC staff before finalizing.
6. Letter to Paul Schmidt, Organization of Agreement States, dated June 7, 2007, responds to letter expressing concerns regarding the proposed implementation of Section 652 of the EPAct of 2005 relating to fingerprinting and criminal history checks.

Federal Register Notices Issued

1. Advisory Committee on Reactor Safeguards (ACRS), notice of 544th meeting (7/11-13/2007).
2. ACRS, Subcommittee Meeting on Regulatory Policies and Practices, notice of meeting (7/10/2007).
3. ACRS, Subcommittee Meeting on Planning and Procedures, notice of meeting (7/10/2007).

Office of Congressional Affairs (OCA)
 Items of Interest
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CONGRESSIONAL HEARINGS SCHEDULE, NO. 20

OCA Contact	DATE & PLACE	TIME	COMMITTEE	SUBJECT	WITNESSES
Decker	06/19/07 215 Dirksen	10:00	Senate Finance Committee (Senators Baucus / Grassley)	Markup of pending legislation - the Energy Advancement and Investment Act of 2007 - that would provide tax incentives for the development of clean and green power, alternative vehicles, biofuels, and improved uses for coal	N/A
Powell	06/21/07 2154 Rayburn	2:00	House Oversight and Government Reform Committee (Representatives Waxman / Davis)	"Ensuring a Merit-Based Employment System: An Examination of the Merit Systems Protection Board and the Office of Special Counsel"	TBD
Decker	06/21/07 2167 Rayburn	10:00	House Transportation and Infrastructure Committee Subcommittee on Economic Development, Public Buildings and Emergency Management (Representatives Norton / Graves)	"The Responsibility of the Department of Homeland Security and Federal Protective Service to Ensure Contract Guards Protect Federal Employees and Workplaces"	TBD

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