

INFORMATION PAPER

February 19, 2008

SECY-08-0020

For: The Commissioners
From: Vonna L. Ordaz, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING
FEBRUARY 8, 2008

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*No input this week.

/RA/

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Office of Nuclear Reactor Regulation (NRR)
Items of Interest
Week Ending February 8, 2008

Duke Power Company - Oconee Tornado/High Energy Line Break Mitigation Strategy

On January 25, 2008, Duke Power Company provided a revision of the Oconee tornado/high energy line break mitigation strategies and regulatory commitments. The revisions included a delay in completing the tornado missile risk analysis, delays in the scheduled licensing and implementation of fiber-reinforced polymer for tornado mitigation, and new commitments by Duke to install Main Steam Isolation Valves. On February 1, 2008, senior management from NRR, Divisions of Engineering and Operating Reactor Licensing, visited the Oconee site to observe Duke's progress in implementing tornado and high energy line break mitigation strategies.

Snubber Users' Group (SNUG) Meeting

On January 28-29, 2008, the staff attended a SNUG meeting in Myrtle Beach, South Carolina. The meeting was also attended by various nuclear industry owners and their representatives, and dynamic pipe restraint (snubber) suppliers. The owners' group discussed current issues related to in-service examination and testing of snubbers and potential changes involved with switching from the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, to the ASME Code for Operation and Maintenance of Nuclear Power Plants (OM Code) as the code of record for snubber programs. Some utility attendees presented reports on their snubber program health, as well as discussions of snubber-related operating experience.

Susquehanna Steam Electric Station Units 1 and 2 Extended Power Uprate (EPU)

On January 30, 2008, the NRC approved an increase in the maximum steady-state power level at Susquehanna Steam Electric Station 1 and 2 from 3489 megawatts thermal (MWt) to 3952 MWt, which is an approximately 13-percent increase in thermal power over the previous licensed thermal power and a 20-percent total increase over the original licensed thermal power (3293 MWt). The application from PPL Susquehanna, LLC (the licensee) was submitted on October 11, 2006. The staff issued its letter accepting the application for staff review on January 5, 2007. The NRC staff determined that the licensee could safely increase the reactor's output primarily by changing the core design and upgrading certain balance of plant capacity components, such as replacing the steam dryers, high-pressure turbines, and selected feedwater turbines. The power uprate will increase each unit's generating capacity by approximately 100 megawatts electric.

Meeting of the Digital Instrumentation and Control Steering Committee

On February 1, 2008, a public meeting of the Digital Instrumentation and Control Steering Committee was held to discuss the Digital Instrumentation and Control Project Plan. Participants in this meeting included the NRC offices of NRR, Nuclear Regulatory Research (RES), New Reactors (NRO), Nuclear Material Safety and Safeguards (NMSS), and Nuclear Security Incident Response, and the Nuclear Energy Institute (NEI). The Steering Committee

discussed recent and upcoming activities including the development of Interim Staff Guidance for Cyber Security, Risk Informing, Human Factors, Licensing Process, and Fuel Cycle Facilities as well as the draft revision to the project plan. The next public meeting of the steering committee is planned for March 2008.

Meeting of Task Working Group 3 of the Digital Instrumentation and Control Project

On February 8, 2008, a public meeting of the Digital Instrumentation and Control Task Working Group 3 was held to discuss current Digital Instrumentation and Control issues relevant to Risk-Informing the Digital I&C System. Participants included the NRC offices of NRR, RES, NRO, and NMSS, NEI, and members of the Nuclear Power Industry. Discussions during the meeting focused on the Draft Interim Staff Guidance and Risk Insights.

Office of New Reactors (NRO)
Items of Interest
Week Ending February 8, 2008

Receipt of Letter of Intent from Transition Power Development, LLC

By letter dated January 30, 2008, Transition Power Development, LLC notified the NRC of its intent to submit an early site permit application and/or a combined license (COL) application for two nuclear units by April 2010. The applicant indicated that the two units will be part of the Blue Castle Generation Project, to be located in East-Central Utah.

Receipt of Letter of Intent from Unannounced Applicant Regarding Submittal of a COL Application

By letter dated January 31, 2008, an unannounced applicant notified the NRC of its intent to submit a COL application during the first quarter of 2010. The applicant indicated that it intends to finalize the technology selection by fourth quarter 2008. The applicant's letter contains proprietary information and was submitted under 10 CFR 2.390.

Luminant Revises Submittal Date for COL Application

By letter dated February 4, 2008, Luminant Generation Company notified the staff of its change in submittal date of the COL application for Comanche Peak Nuclear Power Plant, Units 3 and 4, from July 2008 to September 2008. The change resulted from a re-assessment of the COL application preparation activities in light of the lessons learned from the U.S. Advanced Pressurized Water Reactor Design Certification application and from recently submitted COL applications.

Staff Holds Public Scoping Meeting to Discuss Environmental Issues Pertaining to the COL for South Texas Project (STP) Combined License Site

On February 5, 2008, the NRC staff conducted two public meetings related to the COL application for the STP COL site in Bay City, Texas. The purpose of these meetings was to solicit comments from the public to help identify significant environmental issues related to the COL and provide the opportunity to interested members of the public to submit comments or suggestions on these environmental issues and the proposed scope of the staff's environmental review. Approximately 250 people attended the afternoon meeting and 160 people attended the evening meeting, including representatives of the NRC staff, Pacific Northwest National Laboratory, STP, state and local governments, and the nuclear industry, as well as members of the public. The public comment period for scoping ends on February 18, 2008. At the conclusion of the comment period, the staff will evaluate the comments received, develop the scope of the draft environmental impact statement (EIS), and prepare the draft EIS. The schedule for the draft EIS will be determined once the NRC receives missing information from the applicant.

Office of Nuclear Material Safety and Safeguards (NMSS)
Items of Interest
Week Ending February 8, 2008

January Meeting of American Society for Testing and Materials

From January 27 to 31, 2008, through teleconference, NRC and Center for Nuclear Waste Regulatory Analyses (CNWRA) staff, participated in the American Society for Testing and Materials Subcommittee Meeting, held in Tampa, Florida. NRC and CNWRA staff: (1) provided guidance on potential high-level waste neutron absorber materials; (2) presented a paper on the corrosion of high-level waste packages; and (3) discussed related issues in high-level waste management.

U.S. - Japan International Atomic Energy Agency Safeguards Consultations

On January 30, 2008, Division of Fuel Cycle Safety and Safeguards staff participated in the U.S. - Japan International Atomic Energy Agency (IAEA) Safeguards Consultations, held in Tokyo, Japan. These meetings are continuing discussions with the Japanese to ensure that the IAEA Safeguards approach for the Japan Nuclear Fuel, Ltd. Mixed-Oxide Fuel Fabrication Plant and the Japan Nuclear Cycle Development Institute complies with the safeguards concepts contained in the U.S. - Japan Nuclear Cooperation Agreement. Additionally, staff from NRC, U.S. Department of Security, and U.S. Department of Energy (DOE) informed the Japanese Safeguards Office and Japan's Ministry of Education, Culture, Sports, Science and Technology of the status of IAEA Safeguards activities within the U.S. This meeting included a briefing on future uranium enrichment plans in the U.S.

Presentation to the Tank Waste Committee of the Hanford Advisory Board

On February 6, 2008, Division of Fuel Cycle Safety and Safeguards staff made a presentation on the NRC's role in the review of the DOE regulatory processes for the Hanford Waste Treatment Plant. This public presentation was made to the Tank Waste Committee of the Hanford Advisory Board in conjunction with a site visit to the DOE Waste Treatment Plant.

Office of Federal and State Materials and Environmental Management Programs (FSME)
Items of Interest
Week Ending February 8, 2008

Chairman and Congressional Staffer Visit Local Materials Licensees

On February 4, 2008, the Chairman and NRC staff from the Office of Congressional Affairs, FSME, and Region I, and a Congressional staff member from the Department of Homeland Security (DHS) Committee visited George Washington University and District Hospital Partners, L.P. (George Washington University Hospital). The visits focused on the uses of irradiators for research and medical care, and the licensees' views and experience with radioactive materials security requirements including increased controls and fingerprinting.

Fingerprinting Workshop Held for Licensees

On February 5, 2008, at the Region III offices, the staff held the first in a series of five fingerprinting workshops for licensees in reference to Order EA-07-305 "Order Imposing Fingerprinting and Criminal History Records Check Requirements for Unescorted Access to Certain Radioactive Material" issued by NRC on December 5, 2007. These workshops are being conducted to facilitate licensee implementation of the new requirements.

Staff Conducts Vendor Visits to Sealed Source and Device Product Manufacturers

On February 7-8, 2008, FSME conducted another in a series of vendor visits to the manufacturers of sealed source and device (SSD) products. The initiative complements security initiatives being conducted by other agencies, such as that of DHS and the U.S. Department of Energy. The team comprised of NRC staff and Agreement State SSD experts visited CIS-US Inc., one of three major suppliers of irradiators, and QSA Global.

Office of Nuclear Regulatory Research (RES)
Items of Interest
Week Ending February 8, 2008

Public Meeting on Generic Issue 199, "Implications of Updated Probabilistic Seismic Hazard Estimates in Central and Eastern United States on Existing Plants"

On February 6, RES held a public meeting with stakeholders on Generic Issue 199, "Implications of Updated Probabilistic Seismic Hazard Estimates in Central and Eastern United States on Existing Plants." The industry, under the leadership of the Nuclear Energy Institute and the Electric Power Research Institute, will work with the staff to perform the Safety/Risk Assessment Stage of the Generic Issues Program. Additional public meetings are tentatively planned for March and May to exchange technical information on seismic and plant information and risk analysis methodology.

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ENCLOSURE E

Office of Nuclear Security and Incident Response (NSIR)
Items of Interest
Week Ending February 8, 2008

The Infrastructure Security Partnership

On February 7, the NRC attended a workshop entitled, "Security During Construction of Critical Infrastructure" sponsored by The Infrastructure Security Partnership (TISP). TISP is a public-private partnership promoting collaboration to improve the resilience of critical infrastructure against adverse impacts of natural and man-made disasters.

Transportation Security

On February 13, the NRC met with the Department of Homeland Security's Transportation Security Administration's (TSA) Hazardous Materials Security Branch. The meeting discussion focused on NRC's plans regarding transportation security of radioactive materials quantities of concern (RAMQC).

PNO-III-08-001B – Point Beach Unit 1

Point Beach Unit 1 notification of unusual event due to loss of offsite power to vital busses.

Office of Information Services (OIS)
Items of Interest
Week Ending February 8, 2008

Freedom of Information Act (FOIA) and Privacy Act (PA) Requests Received During the Period of February 1, 2008 through February 7, 2008:

List of contractors doing business with NRC	FOIA/PA-2008-0111
End of FY (Sept 30) counts for earliest possible date through FY 07 for NRC investigative occupation codes 0080, 0085, 1801, 1802, 1810, 1811, including which office and geographic station count belongs to	FOIA/PA-2008-0112
Perforating Guns, 207 S. Locust St., Nowata, Oklahoma 74048, license 35-23200-1, regulated material used, type of facility	FOIA/PA-2008-0113
Indian Point Unit 2 Individual Plant Examination of External Events (IPEEE) submittal from the Office of Nuclear Regulatory Research to the Office of Nuclear Reactor Regulation from December 1, 1995, to December 31, 2003	FOIA/PA-2008-0114
Gulf Nuclear Inc. (GNI), all records regarding actions taken against GNI by the State of Texas, 1983	FOIA/PA-2008-0115

Office of Human Resources (HR)
Items of Interest
Week Ending February 8, 2008

Arrivals		
ALLEN, TOM	CONSULTANT	NSIR
DECKER, THOMAS	SR. MATERIALS ANALYST	RII
Retirements		
RAINES, JACQUELINE	SECRETARY	EDO
Departures		
BOROWITZ, JEFFREY	STUDENT ENGINEER	NMSS
FRATO, MARTIN	PHYSICAL SECURITY INSPECTOR	RIV
LEFAVE, WILLIAM	SENIOR MECHANICAL ENGINEER	NRO
TEDDER, DANIEL	SENIOR CHEMICAL PROCESS ENGINEER	NMSS

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Office of Public Affairs (OPA)
Items of Interest
Week Ending February 8, 2008

OPA Received Significant Media Inquiries on the following:

Energy Solutions of Utah request for import/export licensing related to low-level waste from Italy.

Update on the license renewal review for the Vermont Yankee nuclear plant.

Oyster Creek nuclear plant's license renewal application.

Indian Point nuclear plants recent Component Design Basis Inspection.

Potassium iodide beyond the 10-mile emergency planning zone.

Special Inspection team review of the Global Nuclear Fuel facility near Wilmington, North Carolina.

Other Public Affairs Items:

OPA setup a press conference for Chairman Klein after touring the Peach Bottom nuclear plant with Senator Carper (D-Del.) and Congressman Platts (R-Pa.).

OPA arranged a media briefing of NRC's FY09 budget with CFO, Bill McCabe and Les Barnett.

Press Releases	
Headquarters:	
08-022	NRC Releases FY 2009 Budget To Congress; Provides Increased Oversight of Nuclear Plants, Materials and New Reactors (2/4)
08-023	NRC to Meet February 21 In Port Gibson, Mississippi, to Discuss Review Process for Expected New Reactor Application (2/4)
08-024	NRC Merges Advisory Committees on Reactor Safeguards and Nuclear Waste (2/5)
08-025	NRC, DOE to Hold Public Workshop February 19-21 on Extended Life For Nuclear Power Plants (2/6)
08-026	NRC Issues Final Rule to Expedite Review of Access Determinations for Certain Information for Hearings (2/7)
08-027	NRC Announces Opportunity to Participate in Hearing on New Reactor Application for Bellefonte Site (2/8)
Regions:	
I-08-003	Salem Unit 1 Nuclear Power Plant to Receive Additional NRC Oversight (2/5)
I-08-004	NRC Proposes \$3,250 Fine for N.J. Company Over Violation Associated with Theft of Portable Nuclear Gauge (2/7)
III-08-003	NRC Issues Confirmatory Action Letter and Sends Special Inspection to Missouri Company Manufacturing Products for Nuclear Medicine (2/6)

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ENCLOSURE M

Office of the Secretary (SECY)
Items of Interest
Week Ending February 8, 2008

Document Released to Public	Date	Subject
Decision Documents		
1. COMSECY-07-0041	12/26/07	Status of Staff Activities on Proposed Rule for Risk Informed Decoupling of Assumed Loss-of-Offsite Power from Loss-of-Coolant Accident Analyses
SRM-COMSECY-07-0041	02/04/08	(Same)
Voting Record on COMSECY-07-0041	02/04/08	(Same)
2. SRM-SECY-07-0159	12/20/07	Denial of Petition for Rulemaking (PRM-51-9) – The State of Nevada
Commission Voting Record on SECY-07-0159	12/20/07	(Same)
3. COMPBL-08-0001	01/10/08	Proposed Merger of ACRS and ACNW&M
SRM-COMPBL-08-0001	02/05/08	(Same)
Commission Voting Record on COMPBL-08-0001	02/05/08	(Same)
4. Commission Voting Record on SECY-07-0217	02/07/08	Final Rule - 10 CFR 2.311, "Interlocutory Review Of Rulings On Requests For Hearings/Petitions To Intervene, Selection Of Hearing Procedures, and Requests By Potential Parties for Access to Sensitive Unclassified Non-Safeguards Information and Safeguards Information" (RIN 3150-A108)
5. COMSECY-08-0005	01/31/07	Renewal of Advisory Committee on Medical Uses of Isotopes (ACMUI) Charter
SRM-COMSECY-08-0005	02/08/08	(Same)
Commission Voting Record on COMSECY-08-0005	02/08/08	(Same)
Information Papers		
1. SECY-08-0015	01/31/08	Weekly Information Report – Week Ending January 25, 2008

Memoranda		
1. M080207	02/07/08	Staff Requirements: Affirmation Session: I. SECY-07-0217 – Final Rule - 10 CFR 2.311, “Interlocutory Review Of Rulings On Requests For Hearings/Petitions To Intervene, Selection Of Hearing Procedures, and Requests By Potential Parties for Access to Sensitive Unclassified Non-Safeguards Information and Safeguards Information” (RIN 3150-A108); II. SECY-07-0224 – Final Rule: Regulatory Improvements to the Nuclear Materials Management and Safeguards System (RIN 3150-AH85)

Commission Correspondence

1. Letter to Michael Binder, Interim President, Canadian Nuclear Safety Commission (CNSC), dated January 24, 2008, expresses congratulations on nomination as Interim President of CNSC.

Federal Register Notices Issued

1. Advisory Committee on Nuclear Waste and Materials, notice of revised meeting (February 12-14, 2008).
2. Tennessee Valley Authority, Notice of Hearing and Opportunity to Petition for Leave to Intervene on a Combined License for Bellefonte Units 3 and 4, Docket Nos. 52-014 and 52-015.
3. Request for a License to Import Radioactive Waste (EnergySolutions).
4. Request for a License to Export Radioactive Waste (EnergySolutions).
5. 10 CFR Part 50, Docket No. PRM-50-57, North Carolina Utilities Commission Public Staff; Withdrawal of Petition for Rulemaking.

Region I (RI)
Items of Interest
Week Ending February 8, 2008

Indian Point Dry Cask Storage

On February 2, 2008, Indian Point Unit 2 moved the third dry cask of spent fuel to the independent spent fuel storage installation (ISFSI) pad. This is the final cask for the initial Unit 2 dry cask storage campaign prior to the Unit 2 outage. Region I inspectors have conducted inspections associated with the Unit 2 initial dry cask campaign.

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Office of Congressional Affairs (OCA)
 Items of Interest
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CONGRESSIONAL HEARINGS SCHEDULE, NO. 2					
OCA Contact	Date & Place	Time	Committee	Subject	Witnesses
Decker	02/28/08 TBD	TBD	Senate Environment and Public Works, Subcommittee on Clean Air and Nuclear Safety (Senators Carper / Voinovich)	Oversight Hearing on Security Related Topics	<ul style="list-style-type: none"> • Commission will be invited
Powell	Spring 08 TBD	TBD	House Energy and Commerce Committee, Subcommittee on Oversight and Investigations (Representatives Stupak / Whitfield)	Inattentive Guards at Peach Bottom and other Security Related Topics	<ul style="list-style-type: none"> • TBD

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ENCLOSURE R