

INFORMATION REPORT

April 15, 2010

SECY-10-0049

For: The Commissioners

From: Nader L. Mamish
Assistant for Operations
Office of the Executive Director for Operations

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING
APRIL 9, 2010

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*No input this week.

/RA/

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Office of Nuclear Reactor Regulation (NRR)
Items of Interest
Week Ending April 9, 2010

Safety-Critical Software Task Force (SCS-TF) Meeting

On March 30-31, 2010, the staff participated in discussions with SCS-TF comprised of regulators from the United Kingdom, Sweden, Finland, Belgium, Germany, and France in Madrid, Spain. The SCS-TF is a body of technical experts that identifies safety-critical software issues found during the review of licensing applications and develops assessment approaches that are technically consistent (but not binding) across the participating countries. Since the same technologies are emerging in licensing applications being reviewed by the NRC, exercising technical consistency with the SCS-TF would be mutually beneficial. The SCS-TF has invited the NRC to review the SCS-TF common position report and propose changes which would align the report with the NRC position. NRC will continue information exchange with the SCS-TF to learn from the other regulators' experience in reviewing safety critical software.

St. Lucie 1 Extended Power Uprate (EPU) Application

By application dated March 31, 2010, the licensee requested an 11.9% EPU for St. Lucie Unit 1. The EPU application includes a 1.7% measurement uncertainty recapture power uprate. The application requests NRC approval by June 1, 2011, to allow implementation of EPU during the fall 2011 refueling outage. NRC's standard review time for an EPU is 12 months after NRC's acceptance of the application. The NRC staff will be conducting an acceptance review of the application.

Regulatory Audit at General Electric Hitachi, Washington, DC

On April 6, 2010, the staff conducted a regulatory audit at the General Electric Hitachi offices in Washington, DC, related to the staff's review of a license amendment request to support use of cobalt (Co) isotope test assemblies at Hope Creek Generating Station. The license amendment would allow the implementation of a pilot program to irradiate Co-59 targets to produce Co-60 for medical and food irradiation purposes. The purpose of the audit was to gain insight regarding the design of the new fuel assemblies and to review documents related to design basis dose calculations and engineering assessments. The staff identified two open items related to a 10 CFR 50.59 evaluation and supporting analysis that may require additional information from the licensee. The open items were discussed with the licensee and will be summarized in an audit summary report.

Progress Energy - Public Meeting

On April 7, 2010, the staff held a pre-application meeting with Progress Energy, representing Carolina Power & Light (the licensee) and its contractor AREVA to discuss the licensee's planned license amendment request to adopt AREVA's topical report for transitioning to ATRIUM-10X fuel at the Brunswick Steam Electric Plant Units 1 and 2.

Office of Nuclear Material Safety and Safeguards (NMSS)
Items of Interest
Week Ending April 9, 2010

Louisiana Enrichment Services Initiates the Commissioning Process for its First Cascade of Centrifuges at the National Enrichment Facility

On April 1, 2010, Louisiana Enrichment Services initiated the commissioning process for its first cascade of centrifuges at the National Enrichment Facility in Eunice, New Mexico. This initial phase of the commissioning process involves methodically spinning the centrifuges up to operating speed in a vacuum. This process does not involve licensed material. The licensee cannot receive licensed material until authorized by the NRC staff after it completes its operational readiness review which is ongoing. This process does involve the use of several classified computer networks which have been accredited and authorized for use.

April 9, 2010

ENCLOSURE C

Office of Nuclear Regulatory Research (RES)
Items of Interest
Week Ending April 9, 2010

Publication of Draft Regulatory Guide 8036 (DG-8036) "Personnel Monitoring Device—Direct-Reading Pocket Dosimeters."

On April 9, 2010, RES staff issued DG-8036 to provide an opportunity for public comments. The draft guide is proposed Revision 1 to Regulatory Guide 8.4, which provides guidance acceptable to the NRC staff for use in complying with NRC's regulations on direct-reading pocket dosimeters including specific performance standards for personnel monitoring. DG-8036 is available on the NRC Web site at <http://www.nrc.gov/reading-rm/doc-collections/reg-guides/occupational-health/draft-index.html>.

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ENCLOSURE E

Office of Administration (ADM)
Items of Interest
Week Ending April 9, 2010

Oracle Database Enterprise Edition Processor Perpetual License for the National Source Tracking System (NSTS)

On March 31, 2010, as a result of a competitive acquisition under the GSA Federal Supply Schedule, a firm fixed price type delivery order (NRC-DR-41-10-016) was awarded to Oracle USA, Inc. in Columbia, Maryland to provide software license and support. The period of performance is May 31, 2010, through May 30, 2011. The total value is \$108,095.84.

Dan Kane; Notice of Receipt of Petition for Rulemaking, 10 CFR Part 51 (PRM-51-13, NRC-2010-0088)

On April 1, 2010, NRC published a notice of receipt (75 FR 16360) in the *Federal Register* requesting comments on a petition for rulemaking dated February 2, 2010, filed by Dan Kane. The petitioner requests that the NRC revoke the regulations governing the temporary storage of spent fuel, cease licensing of new nuclear power plants, and phase out existing nuclear power plants. The petitioner believes these actions are necessary until the NRC can be assured of the technical and economic certainties of a waste disposition decision following the proposed defunding of the Yucca Mountain Repository for the permanent disposal and storage of spent nuclear fuel. The petition has been assigned Docket No. PRM-51-13. The comment period closes June 15, 2010.

Increase in the Primary Nuclear Liability Insurance Premium; Final Rule, 10 CFR Part 140 (RIN 3150-A174, NRC-2009-0516)

On April 2, 2010, the NRC published a final rule (75 FR 16645) in the *Federal Register* amending its regulations that govern financial protection requirements and indemnity agreements. This rule increases the primary nuclear liability insurance layer from \$300 million to \$375 million for liability insurance coverage in the event of nuclear incidents at licensed, operating, commercial nuclear power plants with a rated capacity of 100,000 kW or more. The rule is effective May 3, 2010.

Office of Information Services (OIS)
Items of Interest
Week Ending April 9, 2010

Freedom of Information Act (FOIA) and Privacy Act (PA) Requests Received During the Period of April 2, 2010, through April 8, 2010:

Algonquin Gas Transmission letter referenced 6-9 from Indian Point, Unit 2, "Individual Plant Examination of External Events..."	FOIA/PA-2010-0188
Allegation NRR-2009-A-0013, all records	FOIA/PA-2010-0189
South Texas Project Nuclear Operating Company's 2009 Annual Environmental & Annual Radiological Environmental Operating Reports	FOIA/PA-2010-0190
Captioning Services award no. DR2106235, awarded bid and price of winning bid	FOIA/PA-2010-0191
Radioactive materials licenses, medical facilities in Virginia, Georgia, Alabama, and Maryland	FOIA/PA-2010-0192

Office of Human Resources (HR)
 Items of Interest
 Week Ending April 9, 2010

Arrivals		
BeBault, April	Biologist	NRR
Bucher, April	Technical Assistant Project Manager	NRR
Bussey, Scott	Reactor Technology Instructor (PWR)	HR/TTC
Depristo, Joan	Administrative Assistant	OIS
Dunbar, Kenneth	IT Specialist (SYSADMIN)	OIS
Garg, Hukam	Electrical Engineer	NRR
Leong, Edwin	IT Specialist (Project Manager)	OIS
Masse, Todd	Branch Chief	NSIR
Nolan, Ryan	Mechanical Engineer (NSPDP)	NRO
Ragland, Robert	Project Manager (Security)	NSIR
Thompson, Mary	Safety Culture Specialist	OE
Williams, Christopher	Reactor Inspector (Resident Inspector Program)	RI
Retirements		
None		
Departures		
Diaz, Juan	Operations Officer	OI
Jacobs, Emily	Administrative Assistant	RI
Pichumani, Raman	Project Manager	NRR

Office of Public Affairs (OPA)
Items of Interest
Week Ending April 9, 2010

OPA Received Significant Media Inquiries on the Following:

The National Academy of Sciences' study, requested by the NRC, which will examine the cancer risk in populations living near commercial nuclear facilities.

Cooling mechanisms for nuclear plants in general and specifically those associated with Indian Point nuclear plant in Buchanan, New York.

NRC's potential actions following the U.S. Department of Energy's motion that appeals the Atomic Safety and Licensing Board's order asking not to terminate the Yucca Mountain project until after the U.S. Circuit Court rules.

The background screening process for nuclear plant workers in view of the recent arrest in Yemen of a former nuclear plant worker.

Other Public Affairs Items:

OPA coordinated an interview with Chairman Jaczko and National Public Radio to discuss the GE-Hitachi request to build an enrichment plant in Wilmington, North Carolina that uses laser technology and the NRC's role in nonproliferation in reviewing such request.

OPA coordinated an interview with Chairman Jaczko and CleanSkiesTV News discussing licensing of new reactors with emphasis on Vogtle.

Press Releases Issued	
Headquarters:	
10-059	NRC Chairman Gregory B. Jaczko Remarks at Today's Meeting on New Reactor Issues - Design Certifications (4/06/10)
10-060	NRC Asks National Academy of Sciences to Study Cancer Risk in Populations Living Near Nuclear Power Facilities (4/07/10)
10-061	NRC Holding Public Meeting on Proposed Changes to Emergency Preparedness Requirements (4/07/10)
10-062	NRC Publishes New Open Government Plan; Now Seeking Public Input (4/07/10)
10-063	NRC'S Fifth Annual Fuel Cycle Information Exchange June 29 - July 1 in Bethesda, Maryland (4/08/10)
10-064	NRC Chairman Gregory B. Jaczko Remarks at Today's Meeting on Regional Programs (4/08/10)
10-065	NRC to Hold Public Workshop on Groundwater Contamination at Nuclear Power Plants April 20, 2010, in Rockville, Maryland (4/08/10)

Regions:	
I-10-014	NRC Announces Enhanced Oversight of Vermont Yankee (4/07/10)
I-10-015	NRC to Hold Public Meeting on April 13, 2010, with Entergy Nuclear to Discuss Results of Independent Safety Culture Surveys (4/07/10)
I-10-016	NRC to Hold Open House on April 13, 2010, in Middletown, Pennsylvania to Discuss Annual Assessment of Three Mile Island 1 Nuclear Power Plant (4/07/10)
I-10-017	NRC to Hold Public Meeting on April 14, 2010, in Seabrook, New Hampshire to Discuss Annual Assessment of Seabrook Nuclear Power Plant (4/07/10)
I-10-018	NRC to Hold Two Meetings on April 19, 2010, Regarding Vermont Yankee Groundwater Contamination Issues (4/08/10)
II-10-016	NRC Schedules Meeting to Discuss 2009 Performance of Vogtle Nuclear Power Plant (4/07/10)
II-10-017	NRC Schedules Meeting to Discuss Turkey Point Nuclear Plant Spent Fuel Pool Issue (4/07/10)
II-10-018	NRC Names New Resident Inspector for Watts Bar Unit 2 Construction Activities (4/07/10)
II-10-019	NRC Schedules Open House to Discuss 2009 Performance of Catawba Nuclear Power Plant (4/07/10)
II-10-020	NRC Schedules Open House to Discuss Performance of Watts Bar Unit 1 Followed by Meeting to Discuss Unit 2 Construction (4/07/10)
II-21-021	NRC Schedules Open House to Discuss 2009 Performance of Surry Nuclear Power Plant (4/08/10)
III-10-008	NRC to Discuss 2009 Performance Assessment for LaSalle Nuclear Power Plant Unit 1 and 2 (4/07/10)
IV-10-011	NRC Schedules Open House to Discuss the 2009 Performance of River Bend Nuclear Station (4/05/10)
IV-10-012	NRC to Hold Public Meeting with Nebraska Public Power District (4/09/10)

Office of the Secretary (SECY)
Items of Interest
Week Ending April 9, 2010

Documents Released to Public	Date	Subject
Information Papers		
1. SECY-10-0030	4/06/10	Weekly Information Report – Week Ending March 26, 2010
2. SECY-10-0025	3/10/10	Status of NRC's Response to the Open Government Directive
3. SECY-10-0034	3/28/10	Potential Policy, Licensing, and Key Technical Issues for Small Modular Nuclear Reactor Designs

Commission Correspondence

1. Letter to Senator Russell Feingold, dated April 1, 2010, provides the Buy America report for NRC.
2. Letter to Senators Patrick Leahy and Bernard Sanders, and Congressmen Peter Welch, dated March 31, 2010, responds to letter concerning the staff's proposed Government-to-Government meeting on April 14, 2010 in New Hampshire.
3. Letter to Congressman John Olver, dated March 29, 2010, responds to letter regarding the Vermont Yankee Nuclear Station.
4. Letter to Deval Patrick, Governor of Massachusetts, dated March 29, 2010, responds to letter regarding the Vermont Yankee Nuclear Power Station in Brattleboro, Vermont.
5. Letter to John Lynch, Governor of New Hampshire, dated March 29, 2010, responds to letter regarding the Vermont Yankee Nuclear Power Station in Brattleboro, Vermont.

Federal Register Notices Issued

1. Establishment of Atomic Safety and Licensing Board, Pacific Gas & Electric Company (Diablo Canyon Nuclear Power Plant, Units 1 and 2), Docket Nos. 50-275-LR and 50-323-LR.