

INFORMATION REPORT

June 14, 2007

SECY-07-0099

For: The Commissioners
From: Vonna L. Ordaz, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING
JUNE 1, 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 1, 2007

Information Notice (IN) 2007-19, "Fire Protection Equipment Recalls and Counterfeit Notices"

On May 21, 2007, the staff issued the subject IN to inform the industry and the public regarding recent fire protection equipment recalls and counterfeit notices that have been issued by various manufacturers. The IN discusses that the recalled and counterfeit fire protection equipment may not be able to perform its intended function in the event of a fire, and that it is important for the licensees to determine whether they have received this equipment and preclude its use in fire detection and suppression systems credited in the fire protection plan.

Regulatory Issue Summary (RIS) 2005-25, Supplement 1, "Clarification of NRC Guidelines for Control of Heavy Loads"

On May 29, 2007, the staff issued the subject Supplement 1 to RIS 2005-25 to 1) announce the availability of guidance on handling systems, single failure proof cranes and calculational methods for heavy load analyses, and 2) communicate regulatory expectations associated with Title 10 of the Code of Federal Regulations (10 CFR) Sections 50.59 and 50.71(e), as these requirements relate to the safe handling of heavy loads and load drop analyses.

Advanced Finite Element Analyses

On May 31 and June 1, 2007, staff conducted a public meeting with industry representatives on the advanced finite element analyses that the industry is performing. Industry is performing these analyses to address the staff's concerns regarding the potential for rupture without prior evidence of leakage in pressurizer nozzle dissimilar metal welds susceptible to primary water stress corrosion cracking. Industry is performing dozens of these analyses to reduce the uncertainties involved in the analyses of the Wolf Creek flaws performed last Fall. The staff has reached agreement with the industry representatives on the approach it uses for the analysis, the methodology, and the matrix of cases that industry is analyzing. NRC staff contractors are performing analyses to verify industry calculations. Industry representatives indicated that the analyses are expected to be complete by the end of June and they plan to provide a summary report by July 31.

Office of New Reactors (NRO)
Items of Interest
Week Ending June 1, 2007

Public Meeting with Nuclear Energy Institute to Discuss Seismic Issues for New Reactor Siting

On May 31, 2007, the staff met with Nuclear Energy Institute (NEI), Electric Power Research Institute (EPRI), and other industry representatives to discuss the progress of the industry activities related to several seismic issues associated with new reactor siting and design. The focus of the meeting was to establish an understanding on the content of a combined license (COL) application in the seismic area. Considerable progress has been made to resolve the seismic issues. However, the staff emphasized a need to place a high priority on this activity to ensure timely closure of the issues. This highlighted because industry indicated that for some sites, the final, confirmatory dynamic soil testing data will only become available during the later phase of the reviews.

June 1, 2007

ENCLOSURE B

Office of Nuclear Material Safety and Safeguards (NMSS)
Items of Interest
Week Ending June 1, 2007

Emergency Planning for Yucca Mountain Project

On May 24, 2007, a meeting on the Yucca Mountain High-Level Waste program was held with U.S. Department of Energy (DOE) staff in Las Vegas, Nevada. This meeting was open to a limited number of public observers. The purpose of the meeting was to improve the staff's understanding of the emergency planning aspects of the DOE program. No commitments were made between the agencies and no written reports will be issued on this meeting.

June 1, 2007

ENCLOSURE C

Office of Nuclear Regulatory Research (RES)
Items of Interest
Week Ending June 1, 2007

Draft NUREG/CR-6931 on CAROLFIRE issued for Public Comment

On May 23, 2007, two volumes of the subject report on the CAROLFIRE (CABLE Response to Live FIRE) testing program were issued for a 45-day public comment period. Volume 1 of the report presents the results of tests conducted to quantify the conditional probability of spurious operation of nuclear power plant equipment as a result of electrical cable damage due to fire. Volume 2 provides cable and fire data that is currently being used by National Institute of Standards and Technology and the University of Maryland to develop an algorithm to predict electrical cable damage (and subsequent spurious operation) during fire exposure. This algorithm will be used in future mathematical fire models to reduce the uncertainty of these calculations. The two volumes and associated Federal Register Notice are available in ADAMS at ML071300299.

External Peer Review Meeting on Digital Systems Reliability Modeling

On May 23-24, 2007, staff led the subject meeting to review Brookhaven National Laboratory's (BNL) initial evaluation of traditional methods for modeling digital system reliability. The external review panel included members from academia, industry, and the international community. The panel provided substantial comments on traditional modeling methods and on the draft criteria identified by BNL for evaluating digital system reliability models. Digital system reliability modeling is important in light of the increased use of digital instrumentation and control systems in nuclear power plants.

Molten Core-Concrete Interaction Follow-on (MCCI-2) Program Test Completed at Argonne National Laboratory

On May 26, 2007, RES contractors completed a large-scale, eight-and-one-half hour, core-concrete interaction test devised to achieve prototypical interaction behavior under both dry and wet cavity conditions. The test addressed specific phenomena associated with the spatial and temporal progression of how concrete is destroyed by cutting, abrading, or evaporating as a function of melt composition. Data acquired from the MCCI-2 program will be used to assess the NRC's treatment of core-concrete interactions in its severe accident models. The NRC has 12 partners in the MCCI-2 program, which is conducted under an international agreement with the Organization for Economic Co-operation and Development, Nuclear Energy Agency's Committee on the Safety of Nuclear Installations.

Office of Administration (ADM)
Items of Interest
Week Ending June 1, 2007

NASA Scientific Engineering Workstation Procurement Contract

A delivery order no. DR-09-07-339 was awarded to World Wide Technology, Inc. on May 22, 2007 through the competitive NASA Scientific Engineering Workstation Procurement Contract. The contractor will provide for the replacement of the Sun Microsystems servers which support our current HRMS system. The total estimated cost is \$167,115. The equipment is due to be delivered by June 22, 2007.

Award for Secretarial Training Courses (NRC-38-07-367)

On May 29, 2007, a non-competitive contract was awarded to Performance Results Corporation, under the Small Business Administration's 8(a) Program. The contractor will be responsible for designing, updating and delivering secretarial training courses to NRC administrative support staff. The period of performance of the contract is June 4, 2007, through June 3, 2008, with four additional option years. The total estimated amount of the contract, including option years, is \$470,841.

Award for Software Upgrade and Maintenance

On May 30, 2007, a delivery order no. DR-09-07-132 was awarded to DLT Solutions, Inc. through the competitive NASA Scientific Engineering Workstation Procurement contract. The contractor will provide the agency-wide software for the HRMS upgrade to version 9.0 and one year license maintenance support. The period of performance for this order is May 30, 2007, through May 29, 2008. The total estimated cost is \$554,374.

Award for New Recruitment Advertising Campaign (DR-38-07-370)

On June 1, 2007, a competitive delivery order was awarded to Bernard Hodges, under the General Services Administration Federal Supply Schedules. The contractor will design and develop a comprehensive and creative recruitment advertising campaign, including displays, for the Office of Human Resources's recruitment efforts. The period of performance is from June 1, 2007, through September 30, 2007. The total price of the delivery order is \$296,036.

Office of Information Services (OIS)
Items of Interest
Week Ending June 1, 2007

Freedom of Information Act (FOIA) and Privacy Act (PA) Requests Received During the Period of May 25 through May 31, 2007:

| | |
|--|-------------------|
| RIV-2006-A-0084, entire file | FOIA/PA-2007-0218 |
| Announcement OIS/IRSD-2007-0002, application package of selectee and rating panel scores of interviewees | FOIA/PA-2007-0219 |
| Facilities licensed to use tritium; and currently registered tritium exit signs | FOIA/PA-2007-0220 |
| Interagency report of 1997 re: terrorism, both foreign and domestic as described in FOIA/PA-2007-0059 | FOIA/PA-2007-0221 |
| Security breach at NRC dated August 16, 2004, all investigative documents | FOIA/PA-2007-0222 |
| Applied Science International LLC (ASI), extreme load for structures explosive effects analysis software (ELS), all records relating to ASI or ELS | FOIA/PA-2007-0223 |

June 1, 2007

ENCLOSURE H

Office of Human Resources (HR)
Items of Interest
Week Ending June 1, 2007

| Arrivals | | |
|----------------------|------------------------------------|------|
| BOUGHAN, PATRICK | STUDENT ENGINEER | NRR |
| BRUNER, DOUGLAS | PROJECT MANAGER | NRO |
| FIGUEROA, GLADYS | SUMMER ENGINEER | RES |
| FISHER, STEPHEN | LAW CLERK | OGC |
| FOLEY, III, WILLIAM | STUDENT ENGINEER | NRR |
| GATELY, MATTHEW | STUDENT IT SPECIALIST (CO-OP) | RI |
| HURD, SAPNA | SECRETARY (OA) | CSU |
| MCGAFFIGAN, MARGARET | STUDENT ENGINEER (CO-OP) | NMSS |
| MURRAY, CAITLIN | LAW CLERK | OGC |
| RAMIREZ, ANNIE | STUDENT ENGINEER (CO-OP) | RES |
| SANCHEZ, ELBA | STUDENT ENGINEER (SUMMER) | RIII |
| SHAMS, MOHAMED | STRUCTURAL ENGINEER | NRR |
| SILBER, JACQUELINE | CONSULTANT | HR |
| SOTO-LUGO, SOLY | STUDENT ENGINEER (CO-OP) | RES |
| ST. PIERRE, JEAN | HUMAN RESOURCES SPECIALIST | HR |
| THOME, KATHREEN | STUDENT ENGINEER | NRO |
| TORRES, ANDRYA | SUMMER ENGINEER | RES |
| TREECE, JOSHUA | LAW CLERK | OGC |
| VAN BUREN, BRIDGET | LAW CLERK | OGC |
| VU, AN | STUDENT ENGINEER | NMSS |
| WITHEE, CARL | CONSULTANT | NMSS |
| Retirements | | |
| LOIS, LAMBROS | SENIOR REACTOR ENGINEER, NUCLEAR | NRR |
| SILBER, JACQUELINE | DEP EX DIR FOR INFO SVCS & ADM/CIO | EDO |
| SMITH, GREGORY | SENIOR PHYSICAL SECURITY INSPECTOR | ACRS |

June 1, 2007

ENCLOSURE J

| | | |
|--------------------------|---------------------------------------|------|
| WITHEE, CARL | SR CRITICALITY AND SHIELDING ENGINEER | NMSS |
| Departures | | |
| ANDRUKAT, DENNIS | GENERAL ENGINEER | NRR |
| ASHAR, HANSRAJ | PROJECT MANAGER | NRR |
| CARUSO, RALPH | SENIOR STAFF ENGINEER | ACRS |
| RIVERA CAPELLA, GRETCHEN | STUDENT ENGINEER (CO-OP) | RES |
| SPRADLEY, LEAH | STUDENT ENGINEER | ACRS |
| WILLIAMS, LORETTA | SECRETARY (OA) | RII |

June 1, 2007

ENCLOSURE J

Office of Public Affairs (OPA)
Items of Interest
Week Ending June 1, 2007

The OPA received significant media inquiries on the following:

Shut downs of Indian Point, Salem and Hope Creek nuclear power plants for various problems.

Inadvertent fax of false advisory notification of Indian Point counties to shelter residents.

New reactor licensing process.

Diablo Canyon's ISFSI draft environmental assessment in response to the 9th Circuit case.

Other Public Affairs Items:

OPA arranged and assisted an interview with a UPI reporter and Region II Deputy Administrator on agency hurricane preparations and procedures.

OPA coordinated a Bloomberg News interview with the Office of Federal and State Materials and Environmental Management programs management on NRC's preparation for revival in the uranium recovery industry. They discussed the 14 applications for new facilities that NRC is expecting and the license application and review process. UPI also requested similar information.

OPA helped industry trade press coverage of the NRC all employee meeting on May 29.

| | |
|-----------------------|--|
| Press Releases | |
| Headquarters: | |
| 07-067 | NRC Seeks Public Comment on Supplemental Environmental Assessment for Diablo Canyon Spent Fuel Storage Facility (5/29) |
| Regions: | |
| I-07-0032 | NRC to Discuss 2006 Assessment for James A. Fitzpatrick Nuclear Plant at Public Meeting Scheduled for June 5 (5/30) |
| IV-07-016 | NRC to Hold Two Public Meetings on Palo Verde Nuclear Generating Station (5/30) |

Office of the Secretary (SECY)
 Items of Interest
 Week Ending June 1, 2007

| Document Released to Public | Date | Subject |
|-----------------------------|----------|---|
| Decision Documents | | |
| 1. SECY-07-0081 | 5/15/07 | Regulatory Options for Licensing Facilities Associated with the Global Nuclear Energy Partnership |
| 2. SECY-07-0082 | 5/16/07 | Rulemaking to make Risk-Informed Changes to Loss-of-Coolant Accident Technical Requirements; 10 CFR 50.46a, "Alternative Acceptance Criteria for Emergency Core Cooling Systems for Light-Water Nuclear Power Reactors" |
| Information Papers | | |
| - SECY-07-0085 | 05/25/07 | Weekly Information Report - Week Ending May 4, 2007 |
| Memoranda | | |
| - M070530A | 5/30/07 | Staff Requirements - Affirmation Session: I. SECY-07-0079 - Shieldalloy Metallurgical Corp. (Licensing Amendment Request for Decommissioning of the Newfield, New Jersey Facility), Docket No. 40-7102-MLA, Appeal of Loretta Williams from LBP-07-05 |

Federal Register Notices Issued

1. Advisory Committee on Nuclear Waste and Materials - Meeting Notice (06/19-21/07).
2. ACNW&M Meeting on Planning and Procedures - Meeting Notice (06/19/07).

Region IV (RIV)
Items of Interest
Week Ending June 1, 2007

Annual Assessment Public Meeting with Union Electric Company/Ameren UE

On May 31, 2007, the staff conducted a public meeting with Union Electric Company/Ameren UE representatives to present the NRC's assessment of the safety performance of the Callaway Plant for the period of January 1 through December 31, 2006. The meeting was attended by approximately 30 people including state and local officials, and local newspaper reporters.

June 1, 2007

ENCLOSURE P