

# INFORMATION REPORT

November 5, 2009

SECY-09-0164

For: The Commissioners

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

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING  
OCTOBER 30, 2009

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\*No input this week.

*/RA/*

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Contact:  
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Office of Nuclear Reactor Regulation (NRR)  
Items of Interest  
Week Ending October 30, 2009

Public Meeting Regarding Buried Piping at Oyster Creek

On October 22, 2009, the staff participated in a public meeting with Oyster Creek and Exelon to discuss the licensee's lessons learned during their maintenance activities to repair leaking underground piping. The licensee and Exelon experiences will be used to help assess industry programs related to buried piping.

Issuance of the Renewed Operating License for Three Mile Island (TMI) Nuclear Station, Unit 1

On October 22, 2009, the operating license for TMI Nuclear Station, Unit 1, was renewed authorizing operation for an additional 20 years beyond the original license expiration date. The new expiration date is April 19, 2034. The staff completed an on-time review as documented in the safety evaluation report, NUREG-1928, issued October 2009, and the supplemental environmental impact statement, NUREG-1437, Supplement 37, issued June 2009. The issuance of the TMI renewed license brings the total number of renewals to 55 reactor units.

Public Meeting with Industry on Buried Piping Issues

On October 22, 2009, the staff participated in a public meeting with the Nuclear Energy Institute (NEI), the Institute of Nuclear Power Operations (INPO), the Electric Power Research Institute (EPRI), and the National Associate of Corrosion Engineers (NACE) to discuss industry activities related to buried piping. EPRI personnel described their buried piping program. The NACE described establishment of a new committee to address buried piping issues at nuclear power plants. INPO described their experience inspecting programs at plants. The industry indicated they were proposing changes to the structure used to manage buried piping and that they expect to be able to communicate their plans for implementation of the buried piping integrity program to the NRC by December 1, 2009.

Technical Workshop on "Metering of Feed-Water Flow, Temperature, and Thermal Power in Nuclear Power Plants"

On October 27, 2009, the staff participated in a Technical Workshop on "Metering of Feed-Water Flow, Temperature, and Thermal Power in Nuclear Power Plants," sponsored by the SP Technical Research Institute of Sweden at the Swedish Embassy in Washington, DC. The workshop was attended by 12 countries and included representatives from regulatory agencies, flow-meter vendors and flow-meter testing facilities. The staff delivered a presentation entitled, "NRC Acceptance Considerations for Ultrasonic Flow Measurement of Feed-Water Flow Rate in Nuclear Power Plants." (ML092950007)

Senior Reactor Analyst Counterpart Meeting

From October 27 to 29, 2009, the staff hosted a Senior Reactor Analyst Counterpart Meeting at the Region III Offices in Lisle, Illinois. The meeting was attended by the Regional Senior Reactor Analysts and Risk Analysts from Headquarters. The group discussed specific challenges and techniques used in performing risk assessments of findings identified in the

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Reactor Oversight Process and worked to resolve several issues identified in the Risk-tool Partnering Initiative that occurred during the summer.

Public Meeting on Draft Final Regulatory Guide 1.205

On October 29, 2009, the staff held a Category 3 Public Meeting on Draft Guide 1218, the Draft Final Regulatory Guide 1.205, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants." Regulatory Guide 1.205 endorses NEI 04-02, Revision 2, with exceptions, and provides guidance on the transition to National Fire Protection Association Standard 805. The purpose of the meeting was to present the proposed final disposition of public comments on Draft Guide 1218.

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Office of New Reactors (NRO)  
Items of Interest  
Week Ending October 30, 2009

Victoria County Station Early Site Permit (ESP) Application

By letter dated October 13, 2009, Exelon notified the staff that they intend to submit an ESP application (for the proposed Victoria County Station site in Texas) in late March 2010. The application will use the plant parameter envelope approach for two units, will include complete emergency plans, and will not include a request for limited work authorization.

AP1000 Shield Building design

On October 15, 2009, the staff informed Westinghouse Electric Company (WEC), in a teleconference and letter, that the NRC has concluded that the proposed design of the AP1000 shield building will require modifications in some areas to ensure its ability to perform its safety function under design basis loading conditions and to support a finding that it will meet applicable regulations. The staff's letter informed WEC that the NRC will continue to support resolution of the remaining issues on the AP1000 amendment application while the issues associated with the shield building are being addressed. The staff telephoned other external stakeholders and discussed the contents of the letter. A revised review schedule will be established for the Design Certification Amendment once WEC identifies its plan to address NRC's determination.

Office of Nuclear Regulatory Research (RES)  
Items of Interest  
Week Ending October 30, 2009

RES Withdraws Regulatory Guide (RG) 4.5 “Measurements of Radionuclides in the Environment—Sampling and Analysis of Plutonium in Soil,” and RG 4.6, “Measurements of Radionuclides in the Environment—Strontium-89 and Strontium-90 Analysis.”

On October 26, 2009, the staff published a Federal Register Notice announcing the withdrawal of RG 4.5, titled “Measurements of Radionuclides in the Environment—Sampling and Analysis of Plutonium in Soil,” and RG 4.6, titled “Measurements of Radionuclides in the Environment—Strontium-89 and Strontium-90 Analysis.” These RGs provide prescriptive guidance to licensees and applicants on the sampling and laboratory analysis of Strontium and Plutonium. The guides provided guidance on compliance with a provision in 10 CFR Part 20, “Standards for Protection against Radiation,” which was deleted. The NRC is withdrawing RGs 4.5 and 4.6 because the guidance they provide is outdated. Current guidance is available in RG 4.15, “Quality Assurance for Radiological Monitoring Programs (Inception through Normal Operations to License Termination) — Effluent Streams and the Environment.”

RES Publication of Draft RG 1217 (DRG-1217) “Protection Against Turbine Missiles.”

On October 29, 2009, the staff issued DRG-1217 to provide an opportunity for public comments. DRG-1217 is proposed Revision 2 to RG 1.115, which describes methods acceptable to the NRC staff for protecting safety-related structures, systems, and components against missiles resulting from turbine failure by the appropriate orientation and placement of the turbine-generator set, the management of the probability of turbine missile generation, and the use of missile barriers. DRG-1217 is available on the NRC website at <http://www.nrc.gov/reading-rm/doc-collections/reg-guides/power-reactors/draft-index.html>.

Office of Administration (ADM)  
Items of Interest  
Week Ending October 30, 2009

Nationwide Drug Testing Program

On October 22, 2009, as a result of a non-competitive acquisition, a negotiated firm fixed price delivery order (NRC-DR-10-10-369) was awarded to Forensic Drug and Alcohol Testing, LLC in Chantilly, Virginia, for nationwide urine collection specimen services in support of the agency's employee and contractor drug testing program. The delivery order is effective from October 22, 2009 through September 30, 2010, with three 1-year option periods. The total value of the order is \$771,737.75 inclusive of options.

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Office of Information Services (OIS)  
Items of Interest  
Week Ending October 30, 2009

Gartner Symposium

The Deputy Executive Director for Corporate Management and managers and staff from OIS participated in the 2009 Gartner Symposium. Sessions covered information technology and information management (IT/IM) issues. Presentations confirmed that the NRC IT/IM programs are well within the norm of industry activities. In addition, sessions also provided similar challenges facing IT organizations such as experiences where application development is becoming easier and done outside of necessary IT enterprise frameworks. With 8 percent of costs being development and 92 percent being maintenance, this independent development is causing budget shortfalls in IT organizations who then have long-term responsibilities and 92 percent of the costs.

Other conclusions from the symposium were: IT budgets would be insufficient to keep pace with business needs or wants; organizations need to be realistic about security which is important but organizations must be able to accomplish their work; and social media is well used by organizations.

Combined Trip for Certification and Accreditation and Related Conference

During the week of October 19, 2009, an OIS staff member participated in a 2-day site visit to the Boston headquarters of Akamai Technologies, together with staff of the NRC Computer Security Office. The purpose of the visit was to review physical security measures in place at the Akamai Network Operations Center and to meet with the Akamai Information Security Team to discuss specific issues regarding the Authority To Operate recently granted by the Department of Homeland Security for Akamai to provide Web site delivery and continuity-of-operations services that are materially similar in scope to those being requested by the NRC. The NRC team found both the physical security and the policies and procedures to be robust for the services provided by Akamai.

During the same week, the staff member also attended a 2½-day conference hosted by Akamai which provided specific, actionable information regarding the NRC's plans for continued use and possible expansion of services provided by Akamai. Members of the Akamai technical staff as well as principals and technical leads from Akamai clients from around the world (including EBay, Verizon, Voice of America, National Aeronautics and Space Administration, MTV, and others) presented sessions on how they are using Akamai's current offerings for Web-based media delivery, enterprise delivery and security measures, and the optimization of Web content delivery.

Staff Participation In Information On Demand Conference

Staff from OIS participated in the 2009 Information On Demand Conference hosted by International Business Machines (IBM). Sessions covered Enterprise Content Management issues, IBM and IBM partner's products and industry lessons learned. Presentations confirmed that the IBM FileNet Panagon 8 (P8) platform targeted by OIS for future ADAMS maintenance releases will support current and future NRC Information Management needs. Products discussed and demonstrated support a variety of NRC requirements including single search, e-Discovery, automated document classification, digitization and Records Management, as well as other document related business process management tools. Information presented will help

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staff plan which products/features are needed in the near term versus which can wait until the P8 platform has been in place and running for some time.

2009 Federal Privacy Summit

On October 29, 2009, OIS staff attended the 2009 Federal Privacy Summit, sponsored by the Federal Chief Information Officers (CIO) Council Privacy Committee. The Privacy Committee is an interagency committee of the Federal CIO Council designed to facilitate cross-agency communication about approaches to privacy issues across the Federal government. This training brought together hundreds of privacy professionals from across the government who strive to strategically, efficiently, and effectively serve and protect the public's personal information. The staff attended plenary and breakout sessions on the following topics: Protecting Privacy Principles While Supporting an Open Government; Freedom of Information Act Disclosure as it Relates to Privacy; Protecting Privacy with Technologies; Government Use of Social Media; An Overview of Privacy Frameworks Around the World; Providing Cyber Security While Protecting Privacy; and Privacy and Security. The Director of OIS and the Chief Information Security Officer from NRC were panel members for the Privacy and Security session

Freedom of Information Act (FOIA) and Privacy Act Requests Received During the Period of October 23, 2009 through October 30, 2009:

Correspondence and emails between NRC and any Congressional committee, Member of Congress, Senator or Congressional staffer in electronic format, from 2007-2008	FOIA/PA-2010-0021
Contract DR-01-0290, modifications, award determination and source selection documents for Lockheed	FOIA/PA-2010-0022
Organization chart for the CIO, IT Division, name, titles, addresses, e-mail addresses & phone numbers	FOIA/PA-2010-0023
OI case 4-2009-033, all records on named individual	FOIA/PA-2010-0024
Licensees who operated facilities within 5-mile radius of Fords, New Jersey, prior to 1980, and corresponding docket files	FOIA/PA-2010-0025
Allegation file on named individual	FOIA/PA-2010-0026



Office of Human Resources (HR)  
Items of Interest  
Week Ending October 30, 2009

Arrivals		
None		
Retirements		
Pangburn, George	DEP DIR, OFC OF FED & ST MATLS	FSME
Shah, Mahendra	SR TECH ADV REPOSITORY ENG	NMSS
Departures		
None		

Office of the Secretary (SECY)  
Items of Interest  
Week Ending October 30, 2009

Document Released to Public	Date	Subject
Information Papers		
1. SECY-09-0155	10/28/09	Weekly Information Report – Week Ending October 16, 2009

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Office of RII (RII)  
Items of Interest  
Week Ending October 30, 2009

Regional Administrator Attends CSN Bilateral Meeting in Spain

On October 27-29, 2009, the Regional Administrator attended the Bilateral meetings with the Spanish Nuclear Safety Council in Madrid, Spain.

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Office of Congressional Affairs (OCA)  
 Items of Interest  
 Week Ending October 30, 2009

CONGRESSIONAL HEARINGS SCHEDULE, NO. 28					
OCA Contact	Date & Place	Time	Committee	Subject	Witnesses
Riley	10/27/09 406 DSOB	9:30	Senate Environment and Public Works (Senators Boxer / Inhofe)	Global Climate Change Legislation (S 1733)	<ul style="list-style-type: none"> <li>• Steven Chu – Secretary of Energy</li> <li>• Ray LaHood – Secretary of Transportation</li> <li>• Ken Salazar – Secretary of the Interior</li> <li>• Lisa P. Jackson – Administrator, EPA</li> <li>• Jon Wellinghoff – Chairman, Federal Energy Regulatory Commission</li> </ul>
Decker	10/27/09 2123 RHOB	9:30	House Energy and Commerce (Representatives Markey / Upton)	<ul style="list-style-type: none"> <li>- HR 2165 – Amend Part II of the Federal Power Act to Address Known Cybersecurity Threats</li> <li>- HR 2195 Amend Federal Power Act</li> </ul>	<ul style="list-style-type: none"> <li>• Joseph McClelland – Director, Office of Electric Reliability, Federal Energy Regulatory Commission</li> <li>• Patricia Hoffman – Principal Deputy Assistant Secretary of Energy, Office of Electricity</li> <li>• Gary A. Brown – Chairman, New York Public Service Commission</li> <li>• David Cook – Vice President and General Counsel, North American Electric Reliability Corporation</li> <li>• John DiStasio – General Manager and CEO, Sacramento Municipal Utility District</li> </ul>
Riley	10/28/09 406 DSOB	9:30	Senate Environment and Public Works (Senators Boxer / Inhofe)	Global Climate Change Legislation (S1733)	<ul style="list-style-type: none"> <li>• Four Panel Presentations</li> </ul>
Decker	10/28/09	10:00	Senate Homeland Security	Mark up Pending Legislation and	<ul style="list-style-type: none"> <li>• N/A</li> </ul>

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	342 DSOB		and Governmental Affairs (Senators Lieberman / Collins)	Resolutions (including Nuclear Forensics Bill) and Vote on Pending Nominations	
Riley	10/29/09 406 DSOB	9:30	Senate Environment and Public Works (Senators Boxer / Inhofe)	Global Climate Change Legislation (S 1733)	<ul style="list-style-type: none"> <li>• Two Panel Presentations</li> </ul>
Weil	10/29/09 2318 RHOB	10:00	House Science and Technology Subcommittee on Energy and Environment (Representatives Baird / Inglis)	The Next Generation of Fusion Energy Research	<ul style="list-style-type: none"> <li>• Edmund Synakowski - Director, Office of Fusion Energy Science, Department of Energy</li> <li>• Stewart Prager - Director, Princeton Plasma Physics Laboratory</li> <li>• Thom Mason - Director, Oak Ridge National Laboratory</li> <li>• Riccardo Betti - Assistant Director for Academic Affairs, Laboratory for Laser Energetics, University of Rochester</li> <li>• Raymond J. Fonck - Professor of Engineering Physics, University of Wisconsin</li> </ul>

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