

INFORMATION REPORT

May 12, 2006

SECY-06-0108

For: The Commissioners
From: William M. Dean, Assistant for Operations, Office of the EDO
Subject: WEEKLY INFORMATION REPORT - WEEK ENDING
MAY 5, 2006

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*No input this week.

/RA/

William M. Dean
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Office of Nuclear Reactor Regulation (NRR)
Items of Interest
Week Ending May 5, 2006

NRC and Materials Reliability Program (MRP) Meeting

On May 3, 2006, the Division of Component Integrity and the Office of Nuclear Regulatory Research staff met with representatives of the industry's MRP to discuss progress in developing inspection and evaluation (I&E) guidelines for the management of age-related degradation in pressurized water reactor internals. The I&E guidelines are being developed to assist licensees in meeting aging management program commitments made in license renewal applications. Important discussions at the meeting included: (1) a confirmation that the MRP's I&E guidelines are not expected to be completed until 2008, (2) a recommendation by the staff that licensees that are committed to submitting an AMP for staff review and approval prior to 2008 should be proactively contacting the staff to discuss the plan to meet their commitments, and (3) an acknowledgment by the MRP representatives that the MRP I&E guidelines may be submitted as topical reports for staff review and approval, which would break with the precedent of MRP reports being submitted for information only.

Staff Conducts an Environmental Site Audit at Pilgrim Nuclear Power Station

The Division of License Renewal staff and its contractors conducted an environmental site audit at the Pilgrim Nuclear Power Station from May 1 through May 5, 2006. The audit is being conducted to perform the environmental review of the license renewal application. The staff plans to conduct business activities as codified in 10 CFR Part 51 and interface with officials in State and local government agencies to obtain related information.

The draft supplemental environmental impact statement (SEIS) is scheduled to be published in December 2006 and the final SEIS is scheduled to be published in July 2007.

Clinton Early Site Permit (ESP) Final Safety Evaluation Report (SER) Issued as NUREG

On May 1, 2006, the staff issued its SER for the Clinton ESP application as NUREG-1844. Exelon Generation Company, LLC, submitted the application on September 25, 2003.

Meeting with UniStar-Constellation to discuss Combined License (COL) pre-application activities

On May 2, 2006, the staff held a public meeting with UniStar Nuclear to discuss early the potential submittal of portions of their Combined License COL application. UniStar discussed its interest in the early submittal of its Quality Assurance Program, Security and Emergency Plans, and information necessary to support limited work authorizations. The COL application is scheduled to be submitted in June 2008, but UniStar would like to start submitting this information in the 3rd quarter of 2006. The staff and UniStar agreed that this partial submittal approach may raise legal and/or policy issues. The UniStar and NRC staff plan to continue a dialogue to resolve any identified issues associated with this approach.

Sources Sought for Technical Assistance with New Reactors

On March 29, 2006, the New Reactor Infrastructure Planning Branch posted a sources sought notice on the FedBizOpps website. The listing, "Technical Assistance for New Reactor Licensing Application Reviews for Reactor Design Certifications, Early Site Permits (ESPs), Combined Construction and Operating License (COL) Applications, and New Reactor Pre-application Activities," provides references to the details associated with agency needs in FY 2007 and FY 2008. Forty-five responses from commercial vendors and laboratories were received by the due date of April 28th. These sources are being evaluated to identify specific capabilities and potential conflicts of interest.

Regulatory Guide 1.201 (Risk-Informed Categorization of Structures, Systems, and Components)

In March 2006, the Nuclear Energy Institute provided comments on the recently issued Regulatory Guide (RG) 1.201 indicating that some of the staff regulatory positions could be misunderstood. In response to these comments, the Division of Risk Assessment staff prepared a revision to the regulatory guide and held a public meeting on April 19, 2006, to discuss these revisions. The public meeting was very productive in gaining understanding of the NRC staff positions and the industry concerns. As a result of these discussions, three additional changes were made to Revision 1 of RG 1.201 to further enhance and clarify the regulatory guide. The revised regulatory guide was uploaded onto the NRC's regulatory guide website on May 1, 2006. Publication in the Federal Register is expected by May 5, 2006.

Ultrasonic Flow Meter (UFM)

On April 28, 2006, the NRC staff from the Office of Nuclear Reactor Regulation and the Office of Nuclear Regulatory Research met with representatives of Westinghouse to discuss issues related to the application of a Westinghouse proprietary UFM system used for measurement uncertainty recapture power uprates (MURs). Since the approval of the Westinghouse UFM system, there have been several operational occurrences that have raised questions with its specified accuracy. During the meeting, Westinghouse responded to staff requests for additional information and provided additional data to support the claimed accuracy. The staff is evaluating this additional information to determine whether the NRC should continue to accept this device for MURs and for power recovery applications.

Office of Nuclear Material Safety and Safeguards (NMSS)
Items of Interest
Week Ending May 5, 2006

Pre-Application Meeting with AREVA NP, Inc.

On May 3, 2006, representatives from AREVA NP, Inc., met with staff from the Spent Fuel Project Office (SFPO) to discuss their proposed design and testing protocol for a new transportation package for unirradiated pressurized water reactor fuel assemblies. The new transportation package, identified as Model No. MAP, will replace the current fleet of transportation packages that will be phased out by October 1, 2008. AREVA plans to submit an application for package approval in December 2006.

Duratek, Inc. Special Package Authorization

On April 27, 2006, staff issued a Special Package Authorization to Duratek, Inc., for the La Crosse Boiling Water Reactor Pressure Vessel transport package. The package is authorized to transport an irradiated steel reactor pressure vessel and internal components from the La Crosse Boiling Water Reactor to Barnwell, SC. The application was approved under the requirements of 10 CFR 71.41(d) for a one-time only shipment. The applicant demonstrated that requisite standards of safety were met, and that the overall level of safety in transport was equivalent to a standard package approval.

Meeting with Westinghouse Electric Company

On April 27, 2006, representatives from Westinghouse Electric Company met with SFPO staff members. Westinghouse provided the staff a status overview of the various models in its transport packaging fleet. Westinghouse also provided the staff with a tentative schedule of when it plans to submit future requests over the next several years.

Staff Attends Yucca Mountain Site Visit and Field Orientation

From April 27-29, 2006, Center for Nuclear Waste Regulatory Analyses (CNWRA) staff conducted a site visit and field orientation of Yucca Mountain and vicinity for CNWRA and NRC staff new to the NRC high-level waste program. The site visit introduced new staff to the scale of the underground operations, geology, hydrology, geophysics, volcanic history, erosion processes, deposition processes, local environment, land uses, and the cultural setting. The experience gained from this trip will help new staff to conduct pre-license application activities, and is one of the training requirements to qualify as an NRC reviewer of a potential Yucca Mountain license application.

Staff Attends Nye County Workshop on Horizontal Well Drilling

On April 26, 2006, NRC and CNWRA staff attended a public workshop meeting in Furnace Creek, CA. At this workshop, the Nuclear Waste Repository Project Office for Nye County, NV, discussed possible locations for its first horizontal well. The proposed well is intended to improve aquifer characterization and monitoring near Yucca Mountain, NV, and is expected to be drilled this calendar year.

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Staff Attends Devil's Hole Workshop

On April 26-28, 2006, NRC and CNWRA staff attended the 2006 Devil's Hole Workshop in Furnace Creek, CA. Presentations at this meeting included information related to the Death Valley Regional Ground Water Flow System, and the geology, hydrology, and hydro-geology of the surrounding area.

Sealed Sources and Devices Workshop

Between April 24-28, 2006, Division of Industrial and Medical Nuclear Safety staff conducted a workshop to train Agreement State personnel on the registration process for sealed sources and devices (SSDs). Twenty-one Agreement State staff from 10 States attended the workshop. NRC has been conducting such training workshops on a periodic basis since 1995. This year's session was held in Atlanta, GA. The presentations were given by NRC's SSD team and one invited lecturer from the State of Ohio. In addition to attending lectures and performing case work exercises, the participants also visited the fabrication facilities of two SSD suppliers and received a demonstration of portable gauges from a representative of the major gauge manufacturer. Feedback from the participants was very positive.

List of Approved Spent Fuel Storage Casks: NUHOMS® HD Addition

On May 2, 2006, a final rule entitled "List of Approved Spent Fuel Storage Casks: NUHOMS® HD Addition" was published in the *Federal Register* (71 FR 25740). The final rule adds the Transnuclear, Inc., NUHOMS® HD cask system to the list of approved spent fuel storage casks in 10 CFR 72.214, by adding Certificate of Compliance (CoC) 1030. This system is an improved version of the Standardized NUHOMS® System described in CoC 1004 and has been optimized for high thermal loads, limited space, and radiation shielding performance. The final rule is effective July 17, 2006.

Office of Nuclear Regulatory Research (RES)
Items of Interest
Week Ending May 5, 2006

9th Semiannual Meeting of the Organization for Economic Co-operation and Development (OECD) Piping Failure Data Exchange (OPDE) Program

On April 20 and 21, 2006, staff attended the subject meeting to present the status of recent U.S. efforts in this area. Representatives from Canada, Germany, Japan, Korea, Spain, Sweden, and Switzerland also participated. The purpose of the OPDE Program is to assemble a database of relatively rare, light-water-reactor (LWR) piping failures and precursor events. These operating experience data are used to develop realistic, pipe failure estimates that can be utilized by OPDE members to improve the safety of their LWRs.

Spring Meeting of the Third International Steam Generator Tube Integrity Program (ISG-TIP)

On April 26-27, 2006, the staff held the subject meeting, attended by representatives from Canada, Korea, and the United States. This international program provides a forum for discussing ongoing research in order to minimize duplication of effort. Participants made presentations on non-destructive examination, tube integrity analysis, and steam generator corrosion research. Additionally, the participants discussed the closure of the current 5-year program and what research may be conducted if a fourth ISG-TIP is pursued. The research findings from this program are expected to be useful in the NRC staff's evaluations of licensees' non-destructive examination results and in the staff's review of burst and leakage models used by the industry.

23rd International Common-Cause Failure Data Exchange Project (ICDE) Steering Group Meeting

On April 25-27, 2006, staff attended the subject meeting to review progress to date and discuss future activities, including: (1) updating the common-cause failure (CCF) event data for the six components currently in the ICDE database; (2) updating CCF analyses and insights for several components with emphasis on inspection and maintenance applications; and (3) adding several components for data collection (control rod drive assemblies, level-measurement devices, and heat exchangers). The results from this effort are compared to U.S. events to provide insights for use by staff during inspections.

Office of Nuclear Security and Incident Response (NSIR)
Items of Interest
Week Ending May 5, 2006

Preliminary Notifications

1. PNO-III-06-0012, Dominion Kewaunee Inc., - MANUAL REACTOR SHUTDOWN FOLLOWING FEEDWATER PUMP TRIP.
2. PNO-I-06-008, Contour Engineering, Bowen Plant - AGREEMENT STATE REPORT OF WORKER FACILITY AND DAMAGED MOISTURE DENSITY GAUGE AT CONSTRUCTION SITE.

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Office of Administration (ADM)
Items of Interest
Week Ending May 5, 2006

Approaches to Risk-Informed and Performance-Based Requirements for Nuclear Power Reactors (AH81 - Parts 50 and 53)

On May 4, 2006, the NRC published an advance notice of proposed rulemaking in the Federal Register (71 FR 26267) soliciting public comment on the potential modification of its approach to developing risk-informed and performance-based requirements applicable to nuclear power reactors. The NRC is considering an approach that, in addition to the effort to revise some specific regulations, would establish a comprehensive set of risk-informed and performance-based requirements applicable for all nuclear power technologies as an alternative to current requirements. The comment period for this action expires December 29, 2006.

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Office of Information Services (OIS)
Items of Interest
Week Ending May 5, 2006

OIS Participation at Spring Meeting of the Nuclear Information and Records Management Association's Regulations and Information Management Business Unit (RIMBU)

OIS staff attended the Spring 2006 RIMBU meeting held in San Diego, California. This two-day meeting focused on the collaborative efforts being made by RIMBU members (including NRC representatives) to update technical guidance to the industry on managing quality assurance (QA) records in electronic form. These guidance documents have previously been endorsed by the NRC as an acceptable strategy for licensees to manage QA records.

Freedom of Information Act (FOIA) and Privacy Act Requests Received During the Period of April 28 through May 4, 2006:

Yucca Mountain site or to the characterization or selection of a geologic repository for the storage of high-level nuclear waste - Referral by the Department of Energy	FOIA/PA-2006-0192
Allegation RI-2006-A-0060, all records & correspondence	FOIA/PA-2006-0193
Uniontown Industrial Access Landfills, letter from Caputo to Nesbitt (EPA) dated 4-3-06	FOIA/PA-2006-0194
Indian Point leaks of tritiated water into groundwater & Hudson River, all correspondence between NRC, Entergy Nuclear Northeast LLC & NY State agencies, between 3-15-06 & 5-5-06	FOIA/PA-2006-0195
NRC's Personnel Manual, Handbook, & Directives issued from 6-1-04 to 4-28-06	FOIA/PA-2006-0196
Correspondence between NRC & the State of Washington, 1-1-05 to 4-27-06 re: reports or allegations of nuclear safety & personnel issues at Columbia Generating Station	FOIA/PA-2006-0197

Office of Human Resources (HR)
Items of Interest
Week Ending May 5, 2006

Arrival		
HAYDEN, SUSAN R.	SENIOR SYSTEMS ANALYST	CFO
MCGUIRE, JOSHUA	HEALTH PHYSICIST	NRR
NOONAN, AMANDA J.	SECRETARY (OA)	NMSS
TAMMARA, SESHAGIRI RAO	HEALTH PHYSICIST	NRR
Retirements		
JENSEN, CATHERINE	SECRETARY (OA)	NMSS
PAPERIELLO, CARL J.	DIRECTOR, NUCLEAR REGULATORY RESEARCH	RES
Departures		
JOHNSON, KAREN E.	STUDENT ENGINEER	RI
ROCK ZUCCATO, MOLLIE K.	NUCLEAR SAFETY INTERN	NRR
TAYLOR, JAMES H.	SENIOR SECURITY SPECIALIST	NSIR

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Office of Public Affairs (OPA)
Items of Interest
Week Ending May 5, 2006

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

The NRC's renewal of operating licenses for the Browns Ferry nuclear plant.

Vermont Yankee's completion of its 20-percent power uprate.

Other Public Affairs Items:

OPA Region II staff assisted at the Chairman's appearance at Browns Ferry for the license renewal signing ceremony.

OPA regional staff assisted at several end of cycle meetings for nuclear plants.

Press Releases	
Headquarters:	
06-060	NRC Proposes Additional Guidance on Information Required in License Renewal Applications (5/4)
06-061	NRC Renews Browns Ferry Nuclear Plant Operating Licenses for an Additional 20 Years (5/4)
06-062	NRC Sets Review Schedule on Revised Application for North Anna Early Site Permit (5/5)
06-063	NRC's Christopher Tripp to Receive Arthur S. Flemming Award for Engineering (5/5)
Regions:	
I-06-029	NRC to Discuss 2005 Performance Assessment for R.E. Ginna Nuclear Power Plant (5/2)
I-06-030	NRC Seeks Public Input on Environmental Review Associated with License Renewal Proposed for Plymouth Nuclear Power Plant (5/3)
I-06-031	NRC Proposes \$16,250 Fine for Marcus Hook, Pa., Company for Violations Involving Radiation Exposures (5/4)
II-06-029	NRC to Discuss 2005 Performance at Harris Nuclear Plant (5/2)
II-06-030	NRC Schedules Regulatory Conference to Discuss Oconee Nuclear Plant Concern (5/5)
III-06-021	NRC to Discuss 2005 Performance Assessment for Clinton Nuclear Power Plant (5/5)

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IV-06-006	NRC Proposes \$6,500 Fine for H&G Inspection Co., of Houston, Texas (5/3)
IV-06-007	NRC to Discuss 2005 Performance at Grand Gulf Nuclear Plant (5/3)
IV-06-008	NRC to Discuss 2005 Performance at South Texas Project Nuclear Plant (5/3)
IV-06-009	NRC to Discuss 2005 Performance at Wolf Creek Nuclear Plant (5/3)

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Office of the Secretary (SECY)
Items of Interest
Week Ending May 5, 2006

Document Released to Public	Date	Subject
Decision Documents		
1. SRM on COMGBJ-06-0003 / COMPBL-06-0001	04/13/06	Public Participation in Adjudications
Commission Voting Record on COMGBJ-06-0003 / COMPBL-06-0001	04/13/06	(same)
2. SECY-06-0055	03/09/06	Report to congress on Abnormal Occurrences: Fiscal Year 2005
SRM on SECY-06-0055	04/07/06	(same)
Voting Record on SECY-06-0055	04/07/06	(same)
Information Papers		
1. SECY-06-0089	04/18/06	Update of the Risk-Informed Regulation Implementation Plan
2. SECY-06-0096	04/28/06	Weekly Information Report - Week Ending April 21, 2006
Memoranda		
1. M060503A	05/03/06	Affirmation Session: SECY-06-0086 - Andrew Siemaszko, Docket No. IA-05-021, Unpublished Licensing Board Order (March 2, 2006)
2. M060427	05/05/06	Briefing on New Reactor Issues

Commission Correspondence

1. Letter to Donald R. Arbuckle, Acting Administrator, Office of Management and Budget, dated April 24, 2006, provides NRC's FY 2006 Regulatory Plan.
2. Letter to Alan Morris, President, Anbex, Inc., dated April 25, 2006, responds to letter expressing Anbex's interest in thyroid prophylaxis and concern about NRC's position on the distribution of KI beyond the 10-mile emergency planning zone.

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3. Letter to Paul Leventhal and Alan Kuperman, Nuclear Control Institute, dated April 26, 2006, responds to concerns regarding two pending license applications for export of high enriched uranium.
4. Letter to Congress (Honorable Richard B. Cheney and Honorable J. Dennis Hastert), dated April 28, 2006, provides NRC's Report to Congress on Abnormal Occurrences, Fiscal Year 2005.

Federal Register Notices Issued

1. Advanced Notice of Proposed Rulemaking (ANPR), 10 CFR Parts 50 and 53, RIN 3150-AH81, Approaches to Risk-Inform and Performance-Base Requirements for Nuclear Power Reactors.
2. Report to Congress on Abnormal Occurrences, Fiscal Year 2005, Dissemination of Information.
3. Advisory Committee on the Medical Uses of Isotopes: notice of updated meeting (5/23/06).
4. Advisory Committee on Nuclear Waste, notice of Planning and Procedures meeting (5/26/06).
5. Advisory Committee on Nuclear Waste, notice of 170th meeting (5/23-26/06).

Region II (RII)
Items of Interest
Week Ending May 5, 2006

Chairman Nils J. Diaz Visits the Browns Ferry Nuclear Plant

On May 4, 2006, Chairman Diaz, the Executive Director for Operations and the Director of the Office of Nuclear Reactor Regulation, accompanied by the Deputy Regional Administrator, visited the Browns Ferry Nuclear Plant for a site tour, meeting with licensee management and a licensing renewal signing ceremony for Units 1, 2 and 3.

Reactor Oversight Process (ROP) Annual Assessment Meeting

On May 2, 2006, the Region II Staff conducted the NRC ROP Annual Assessment Meeting for the Browns Ferry Nuclear Power Plant. Participants included Tennessee Valley Authority representatives and Region II staff. There was no public or media interest.

Region III (RIII)
Items of Interest
Week Ending May 5, 2006

Operator Licensing Workshop

On May 3-4, 2006, Region III hosted a two-day operator licensing workshop for Region III licensees to discuss recent issues, lessons learned, and good practices for licensed operator examination preparation and simulator fidelity. The workshop attendees included training managers and staff from Region III facilities, the Region III operating license staff, and representatives from the Office of Nuclear Reactor Regulation.

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Region IV (RIV)
Items of Interest
Week Ending May 5, 2006

Comanche Peak Annual Assessment Public Meeting

On May 1, 2006, the staff conducted a Category 1 public meeting in Glen Rose, Texas, to discuss Comanche Peak's safety performance for 2005. Participants included TXU Energy's officials and Region IV staff. The county judges from Somervell and Hood Counties also attended the meeting along with several other members of the public.

Public Meeting Conducted with San Onofre Nuclear Generating Station

On May 2, 2006, the staff conducted a Category 1 public meeting in Arlington, Texas to discuss the safety conscious work environment at San Onofre Nuclear Generating Station. Topics included the results of the licensee's safety culture survey and improvement initiatives.

Public Meeting with Callaway On Safety Performance

On May 4, 2006, the staff conducted a Category 1 public meeting in Jefferson City, Missouri, to discuss Callaway Plant's safety performance for 2005. Participants included AmerenUE officials and Region IV staff. Approximately 25 people attended the presentation, including representatives from the state of Missouri, and a television station reporter.

Office of Congressional Affairs (OCA)
 Items of Interest
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CONGRESSIONAL HEARING SCHEDULE, NO. 17

OCA Contact	DATE & PLACE	TIME	WITNESS	SUBJECT	COMMITTEE
Decker	Week of May 8 TENTATIVE	TBD	Markup	Energy and Water Development Appropriations	Reps. Hobson/Visclosky Energy and Water Development Appropriations
Shane	05/22/06 SD-366	2:30	NRC, DOE, and others	Nuclear Plant Development	Senators Domenici/Bingaman Energy and Natural Resources
Keeling	05/23/06 2203 RHOB Classified Briefing	2:00	NRC, GAO	Follow-up to 4/4/06 Hearing on GAO report concerning the Design Basis Threat process	Reps. Shays/Kucinich National Security, Emerging Threats, and International Relations Government Reform
Combs	May	TBA	DOE	Status of Yucca Mountain license application	Senators Domenici/Bingaman Energy and Natural Resources
Shane	late May TBA	TBA	TBA	New Nuclear Power Plants	Reps. Barton/Dingell Energy and Commerce
Shane	06/22/06 TBA	9:30	NRC, GAO, NEI, Public Interest Groups	GAO Report on Reactor Oversight Process	Senators Voinovich/Carper Clean Air, Climate Change, and Nuclear Safety Environment and Public Works

Advisory Committee on Reactor Safeguards (ACRS)/
Advisory Committee on Nuclear Waste (ACNW)
Items of Interest
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As a result of its 169th meeting (April 18-20, 2006), the ACNW issued letters and reports on the following subjects.

Date	
May 2, 2006	Risk-Informed Decision-Making for Nuclear Materials and Wastes

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