

# INFORMATION REPORT

October 9, 2015

SECY-15-0126

FOR: The Commissioners

FROM: Melanie A. Galloway  
Assistant for Operations  
Office of the Executive Director for Operations

SUBJECT: WEEKLY INFORMATION REPORT – WEEK ENDING  
SEPTEMBER 25, 2015

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**Office of Administration (ADM)  
Items of Interest  
Week Ending September 25, 2015**

**Development of Guidance on Application of State-of-Practice Flood Frequency Analysis Methods and Tools to Nuclear Power Plants**

On September 14, 2015, as a result of a non-competitive solicitation, cost-reimbursement interagency agreement NRC-HQ-60-15-I-0006 was awarded to the United States Department of Geological Survey in Reston, Virginia. The objective of this agreement is to develop guidance on application of state-of-the-practice flood frequency methods and tools, especially for assessing the credible limit for extrapolation of riverine flood hazard information developed using these methods and tools. The period of performance is September 14, 2015, through August 31, 2017. The total cost ceiling is \$195,269.

**Characterization and Analysis of Boral from the Zion Nuclear Power Plant Spent Fuel Pool (SFP)**

On September 16, 2015, as a result of a non-competitive solicitation, cost-reimbursement interagency agreement NRC-HQ-60-15-D-0012 was awarded to Energy Savannah River Operations Office in Aiken, South Carolina. The objective of this agreement is to evaluate the microstructural and corrosion performance of Boral neutron absorber panels removed from the Zion SFP to determine the degradation mechanisms exhibited during normal operation of the SFP and under simulated accident conditions. The period of performance is September 16, 2015, through December 2, 2018. The total cost ceiling is \$611,008.

**Strategic Approach for Obtaining Material and Component Aging Information**

On September 16, 2015, as a result of a non-competitive solicitation, cost-reimbursement task order NRC-HQ-60-15-T-0023 was issued under interagency agreement NRC-HQ-25-14-D-0001 with Pacific Northwest National Laboratory in Richland, Washington. The objective of this task order is to develop a long-range strategy for obtaining information from decommissioned nuclear power plants, as well as providing the flexibility to get ex-plant components from operating plants. The period of performance is September 17, 2015, through September 30, 2019. The total cost ceiling is \$163,529.

**Organizational Development (OD)**

On September 16, 2015, as a result of a non-competitive solicitation, labor-hour task order NRC-HQ-84-15-T-0001 was issued under enterprise-wide contract NRC-HQ-84-15-E-0002 with Crowned Grace Inc. in Oxon Hill, Maryland. The objective of this contract is to provide state-of-the-art OD services to support and enhance the efforts of NRC's Human Resource Training and Development OD team. The period of performance of this task order is September 30, 2015, through March 31, 2017. The total cost ceiling is \$748,820.

**Probabilistic Risk Assessment (PRA) General Support Contract**

On September 17, 2015, as a result of a competitive solicitation, cost-reimbursement enterprise-wide contract NRC-HQ-60-15-E-0002 was awarded to Energy Research, Inc. in Rockville, Maryland. The purpose of the contract is to expand and update PRA methods used in nuclear

regulatory activities, in compliance with the 1995 NRC policy statement for implementing risk-informed regulation. The period of performance is September 30, 2015, through September 29, 2016, with four 1-year options. The total cost ceiling is \$775,000, inclusive of options.

**PRA General Support Contract**

On September 17, 2015, as a result of a competitive solicitation, cost-reimbursement enterprise-wide contract NRC-HQ-60-15-E-0003 was awarded to Innovative Engineering and Safety Solutions, Inc. in Gaithersburg, Maryland. The purpose of the contract is to expand and update PRA methods used in nuclear regulatory activities, in compliance with the 1995 NRC policy statement for implementing risk-informed regulation. The period of performance is September 30, 2015, through September 29, 2016, with four 1-year options. The total cost ceiling is \$775,000, inclusive of options.

**Support for Mitigating System Performance Index (MSPI)**

On September 17, 2015, as a result of a non-competitive solicitation, cost-reimbursement task order NRC-HQ-20-15-T-0004 was issued under enterprise-wide contract NRC-HQ-25-14-E-0006 with Information Systems Laboratories, Inc. in San Diego, California. The objective of this task order is to provide the Office of Nuclear Reactor Regulation technical PRA support for MSPI. The period of performance is October 1, 2015, through September 30, 2016, with two 1-year options. The total cost ceiling is \$351,261, inclusive of options.

**Communications Security (COMSEC) Accounting, Reporting, and Distribution System**

On September 17, 2015, as a result of a competitive solicitation, task order NRC-HQ-11-15-T-0001 was issued under National Aeronautics and Space Administration's solutions for enterprise-wide procurement contract NNG15SD19B to Alvarez and Associates, LLC in Tysons Corner, Virginia. The objective of this task order is to utilize a new system for the consolidated and lifecycle management of NRC's COMSEC operations, including a management platform for its Central Office of Records functions, such as auditing, inventory, and black key distribution. The period of performance is September 30, 2015, through September 29, 2017. The total price ceiling is \$298,548.

**Purchase of Severe Accident Simulator**

On September 17, 2015, as a result of a competitive solicitation, firm-fixed price contract NRC-HQ-84-15-C-0018 was awarded to Cory's Thunder, Inc. in St. Marys, Georgia. The objective of this contract is to provide state-of-the-art equipment capable of executing the MELCOR severe accident analysis engineering code in real time to simulate beyond design-basis events at a Boiling Water Reactor and Pressurized Water Reactor type plant. The period of performance is September 30, 2015, through September 29, 2016, with two 1-year options. The total price ceiling is \$418,721, inclusive of options.

**Provide Technical Insights to the Staff Review of Advanced Passive 1000 (AP1000) Topical Report on Specialized Seismic Option**

On September 18, 2015, as a result of a non-competitive solicitation, cost-reimbursement task order NRC-HQ-25-15-T-0008 was issued under interagency agreement NRC-HQ-25-14-D-0002 with Brookhaven National Laboratory in Upton, New York. The objective of this task order is to obtain technical expertise to assist the NRC staff in evaluating and resolving complex technical issues related to the Topical Report for the AP1000 Specialized Seismic Option. The period of performance is September 18, 2015, through December 31, 2018. The total cost ceiling is \$584,456.

**Maintenance, Upgrade, Training, and Technical Support for the Safer System Services Hazardous Materials (HAZMAT) Responder Software Program**

On September 18, 2015, as a result of a competitive solicitation, firm-fixed-price contract NRC-HQ-50-15-C-0001 was awarded to Safer Systems, LLC in Camarillo, California. The objective of this contract is to: (1) maintain the off-the-shelf "Safer HAZMAT Responder" software package; (2) provide software program updates, major upgrades and new releases; (3) train NRC staff in the use of the software program; and (4) provide technical support to NRC staff. The period of performance is September 30, 2015, through September 29, 2016, with four 1-year options. The total price ceiling is \$223,425, inclusive of options.

**Project Management Support Services**

On September 18, 2015, as a result of a competitive solicitation, firm-fixed-price contract NRC-HQ-40-15-C-0006 was awarded to Banneker Ventures, LLC in Aberdeen, Maryland. The objective of this contract is to provide project management support services for construction projects related to tenant improvements, renovations, and build-outs of NRC-owned/leased space. The period of performance is September 30, 2015, through September 29, 2016, with four 1-year options. The total price ceiling is \$3,518,522, inclusive of options.

**Incorporation by Reference of American Society of Mechanical Engineers (ASME) Codes and Code Cases: Proposed Rule; Part 50 of Title 10 of the Code of Federal Regulations (10 CFR) (Regulation Identifier Number (RIN) 3150-AI97; NRC-2011-0088)**

On September 18, 2015, the NRC published a proposed rule in the *Federal Register* ([80 FR 56819](#)) proposing to amend its regulations to incorporate by reference seven recent editions and addenda to the ASME codes for nuclear power plants and a standard for quality assurance. The NRC is also proposing to incorporate by reference four ASME code cases. This action is in accordance with the NRC's policy to periodically update regulations to incorporate by reference new editions and addenda of the ASME codes. It is intended to maintain the safety of nuclear power plants and to make NRC activities more effective and efficient. Public comments are due by December 2, 2015.

**Business Process Modeling for the Operating Reactors Business Line**

On September 21, 2015, as a result of a competitive solicitation, firm-fixed-price contract NRC-HQ-20-15-C-0002 was awarded to Management Consulting, LLC in Washington, D.C. The objective of this contract is to complete the operating reactors process models and management systems document to give the staff an ability to increase learning and to facilitate identification of potential efficiencies. The period of performance is September 21, 2015, through September 20, 2016. The total price ceiling is \$231,360.

**Development and Revision of Regulatory Guidance for the Office of Nuclear Security and Incident Response (NSIR)**

On September 21, 2015, as a result of a non-competitive solicitation, cost-reimbursement task order NRC-HQ-60-15-T-0001 was issued under enterprise-wide contract NRC-HQ-25-14-E-0005 with Energy Research, Inc. in Rockville, Maryland. The objective of this task order is to provide technical support in developing new and revising existing regulatory guidance for NSIR. The period of performance is September 24, 2015, through March 31, 2017. The total cost ceiling is \$352,264.

**Pressurized Water Reactor (PWR) Internals Vessel Inspection (ISI) Training**

On September 22, 2015, as a result of a competitive solicitation, firm-fixed-price contract NRC-HQ-84-15-C-0011 was awarded to Electric Power Research Institute, Inc. in Palo Alto, California. The objective of this contract is to provide a PWR ISI course for NRC personnel. The period of performance is September 30, 2015, through September 29, 2016, with three 1-year options. The total price ceiling is \$887,003, inclusive of options

**Enhanced Weapons, Firearms Background Checks, and Security Event Notifications: Supplemental Proposed Rule; 10 CFR Part 73 (RIN 3150-AI49; NRC-2011-0015 and NRC-2011-0018)**

On September 22, 2015, the NRC published a supplemental proposed rule in the *Federal Register* ([80 FR 57106](#)) proposing to amend its regulations that would implement its authority under Section 161A of the Atomic Energy Act of 1954, as amended, to permit NRC licensees and certificate holders to apply for preemption authority and enhanced weapons authority, and conduct associated firearms background checks. Public comments are due by December 7, 2015.

**Executive Director for Operations (EDO) Decision on Differing Professional Opinion (DPO) Appeal**

On September 22, 2015, the EDO issued a decision on the appeal of DPO 2014-001, concerning frequently asked question (FAQ) 08-0048 "NUREG/CR-6850 Revised Fire Ignition Frequencies." The FAQ supported National Fire Protection Association Standard 805 (NFPA-805) fire protection reviews. The EDO's decision on the appeal supported both the DPO ad-hoc review panel's conclusions and subsequent Office of Nuclear Reactor Regulation (NRR) Director's decision that there was not a significant safety concern to immediately rescind the FAQ at the time recommended by the DPO filer. NRC staff later published updated fire ignition frequency data in NUREG-2169, "Nuclear Power Plant Fire Ignition Frequency and Non-Suppression Probability Estimation Using the Updated Fire Events Database," in January 2015, and subsequently withdrew the FAQ in May 2015 (both actions occurred after the DPO appeal was filed). The EDO agreed that NRC staff took too long to analyze and publish new data, rescind the FAQ, and develop guidance for applying the new data to NFPA-805 analysis. The EDO agreed with the filer that the tasking of the ad-hoc review panel to also review a separate, generic "freeze point" licensing concept was beyond the scope of the DPO, and inconsistent with the standard process in Management Directive 10.159, "The NRC Differing Professional Opinions Program." The public records for this DPO are available in the DPO case file package in ADAMS ML15273A079.

**Office of the Chief Human Capital Officer (OCHCO)**  
**Items of Interest**  
**Week Ending September 25, 2015**

<b>ARRIVALS</b>		
None		
<b>RETIREMENTS</b>		
None		
<b>DEPARTURES</b>		
Jordan, Marcus	Student IT Assistant	OGC

SEPTEMBER 25, 2015

ENCLOSURE B

**Office of Information Services (OIS)  
Items of Interest  
Week Ending September 25, 2015**

Freedom of Information Act (FOIA) and Privacy Act (PA) Requests and Appeals Received  
During the Period of September 18 – September 23, 2015:

Documents concerning the purchase of private land in South Carolina for the construction of the Savannah River Site, between 1947 and 1952.	FOIA/PA-2015-0478
All documents regarding the March 1, 1990, letter to Umetco Minerals Corporation in Blanding, Utah, approving the amended license to construct Cell 4A at the White Mesa Mill, and regarding the March 16, 1989, National Emission Standards for Hazardous Air Pollutants approval letter for construction of Cell 4A at the White Mesa Mill.	FOIA/PA-2015-0479
Request documentation relating to the shipment of nuclear waste from Oak Ridge, Tennessee facility to the Savannah River Site in the 1950s.	FOIA/PA-2015-0480
Copy of SL-1 Reactor Accident Autopsy Procedures and Results, LAMS-2550.	FOIA/PA-2015-0481
Copy of named individual's personnel security file maintained by Department of Energy's security office.	FOIA/PA-2015-0482
Copy of a winning grant application that was received between 2013 and 2015 for the Faculty Development Grants.	FOIA/PA-2015-0483
Office of Investigation (OI) Report 1-2012-008.	FOIA/PA-2015-0484
Appeal withholding of information in response to FOIA/PA 2015-0200.	FOIA/PA-2015-0067A



**Office of Nuclear Reactor Regulation (NRR)**  
**Items of Interest**  
**Week Ending September 25, 2015**

**Pre-licensing Public Meeting on Degraded Voltage for Palo Verde Nuclear Generating Station**

On September 22, 2015, representatives of Arizona Public Service Company (APS) and the staff held a pre-licensing meeting at NRC Headquarters, Rockville, Maryland. At the meeting, APS presented plans to submit an amendment request on degraded voltage relay set points for Palo Verde Nuclear Generating Station, Units 1, 2, and 3. The licensee informed the staff of its plans to revise Technical Specifications Surveillance Requirement 3.3.7.3(a) to shorten the existing degraded voltage protection relay time delay. The proposed amendment is the result of corrective action resulting from an unresolved item from a component design bases inspection.

**Office of the Secretary (SECY)  
Items of Interest  
Week Ending September 25, 2015**

<b>Document Released to Public</b>	<b>Date of Document</b>	<b>Subject</b>
<b>Decision Documents</b>		
1. Staff Requirement Memorandum-SECY-15-0002	09/22/2015	Proposed updates of Licensing Policies, Rules, and Guidance for future New Reactor applications.
2. Voting Record- SECY-15-0002	09/22/2015	Proposed updates of Licensing Policies, Rules, and Guidance for future New Reactor applications.
<b>Information Papers</b>		
1. SECY-15-0116	09/18/2015	Weekly Information Report – Week Ending August 21, 2015.
2. SECY-15-0117	09/18/2015	Weekly Information Report – Week Ending August 28, 2015.
<b>Memoranda</b>		
1. M150924A	08/24/2015	Staff Requirements Memorandum: Affirmation Session - SECY-15-0097 - Tennessee Valley Authority (Watts Bar Unit 2) - Petition for Review of LBP-15-14.

**Federal Register Notices Issued**

1. Correction to FRN for Perry Nuclear Power Plant, Unit 1, Consideration of Approval of Transfer of License and Conforming Amendment [NRC-2015-0212].
2. Establishment of Atomic Safety and Licensing Board for PSEG Power, LLC and PSEG Nuclear, LLC – Salem Early Site Permit Application [Docket No. 52-043].