

**OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY
WEEKLY REPORT**

April 17, 2009

I. Schedule

Patricia A. Hoffman, Acting Assistant Secretary, does not have any travel or leave plans for the week beginning April 20, 2009.

II. Key Departmental News

OE Staff Participate in TSA/DOT Pipeline Security and Incident Recovery Planning Meeting. On April 1-2, Office of Electricity Delivery and Energy Reliability (OE) staff participated in a Transportation Security Administration (TSA) and Department of Transportation (DOT) meeting to support these agencies in developing a Pipeline Security and Incident Recovery Plan. In August of 2007, Congress passed Public Law 110 - 53, Implementing Recommendations of the 9/11 Commission Act of 2007. Section 1558 of the Act tasked the Secretary of Homeland Security (DHS/TSA) and the Secretary of the Department of Transportation to develop a Pipeline Security and Incident Recovery Plan which will be submitted to Congress in August 2009. Another meeting is planned in late May.

Media Interest: None

Program Contact: Alice Lippert, 586-9600 and Brian Copeland, 586-1178

OE Conducts Summer Energy Outlook Conference. On April 14, the Office of Electricity Delivery and Energy Reliability (OE) and the National Association of State Energy Officials (NASEO) conducted the Summer Energy Outlook Conference. Howard Gruenspecht, Acting Administrator of EIA, presented EIA's Short-Term Energy Outlook for the upcoming summer season. Presentations were also made on Global Oil Markets, Natural Gas, Ethanol and the Smart Grid. Alice Lippert, Senior Technical Advisor, provided opening remarks. The well attended event was held in Washington, DC. Presentations can be found on NASEO's web site at www.naseo.org.

Media Interest: High

Program Contact: Alice Lippert, 586-9600

General Accountability Office (GAO) Meeting on Pipelines Security with Office of Electricity Delivery and Energy Reliability (OE). On April 15, OE Infrastructure Security and Energy Restoration staff including Kenneth Friedman, Alice Lippert, and Patrick Willging met with GAO staff, located in three cities by video-teleconference from the Energy Response Center, to discuss a list of topics relating to a GAO study of the Department of Homeland Security's Transportation Security Administration's (TSA) Pipeline Security program. The discussion centered around the DOE-ISER role

regarding pipelines and engagement with TSA on various issues including relative roles and responsibilities, cyber security, risk-based approaches, as well as the functioning of the private sector Pipeline Working Group and development of TSA Pipeline Security Guidelines. Ms. Weiss is the senior GAO analyst leading the project.

Media Interest: None

Program Contacts: Kenneth Friedman 586-0379, Alice Lippert 586-9600

III. Upcoming Events or Matters of Secretarial Interest (14-day advance)

Nothing to Report

IV. Progress on EPACT Deliverables

Nothing to Report

V. Press Inquiries

Nothing to Report

VI. FOIA Requests

Nothing to Report

VII. Grants, Economic Announcements and Publications

OE Releases Smart Grid Funding Announcements. On April 16, Vice President Joe Biden announced DOE's plans for nearly \$4 billion in Recovery Act funds to support Smart Grid investments and demonstrations. These investments will help lay the necessary foundation for modernizing the electric grid and enabling it to be more efficient, resilient, and secure. They will also help make the grid capable of integrating more renewables, plug in hybrid electric vehicles, and energy management technologies ultimately reducing energy infrastructure requirements and our dependence on foreign oil. Specifically, \$3.375 billion will be for the Smart Grid Investment Grant Program which will provide grants ranging from \$500k to \$20 million for smart grid technology deployments. This is in addition to \$615 million for Smart Grid Regional Demonstration Projects aimed at evaluating the value of integrating a multitude of smart grid technologies as related to grid operations, technology viability, and consumer and societal benefits.

Media Interest: High

Program Contact: Eric Lightner, 586-8130

**OFFICE OF POLICY AND INTERNATIONAL AFFAIRS
WEEKLY REPORT**

April 17, 2009

I. Schedule

Acting Assistant Secretary Jonathan Shrier will travel to Lawrence Berkley National Laboratory on April 20, 2009, to greet Chinese State Councilor Liu Yandong during her visit to the lab and for separate meetings on the lab's international work. Deputy Assistant Secretary Carmen Difiglio will be Acting.

Deputy Assistant Secretary Phyllis Yoshida will be on official travel the week of April 20, 2009, attending meetings of the Asia-Pacific Economic Cooperation (APEC) Energy Working Group (EWG) in Santiago, Chile.

Deputy Assistant Secretary Al Hegburg will be on official travel to Riyadh, Saudi Arabia, on April 20-23, 2009, to attend discussions of the Steering Committee overseeing an Experts Group on the producer-consumer dialogue, facilitated by the International Energy Forum. ~~In addition, he will conduct bilateral discussions with Saudi officials on U.S.-Saudi bilateral energy relations.~~

II. Department News

Mexico: Secretary Chu traveled to Mexico City with President Obama on April 16, for a Presidential visit and breakout sessions to be led by various cabinet members. Secretary Chu led a discussion on energy, the economy, and the environment with his Mexican counterpart, Secretary Georgina Kessel, for which PI-33 staff prepared briefing materials and talking points. The President announced a U.S.-Mexico Bilateral Framework on Climate Change and Clean Energy, on which PI has worked with the Department of State and National Security Council to develop the shape and scope of cooperation. Bilateral efforts will focus on clean energy technology cooperation, including carbon sequestration, wind energy and electricity grids; greenhouse gas emissions inventories, reduction strategies, and financing and market mechanisms; and other adaptation approaches. The Framework also dovetails with DOE efforts to expand bilateral cooperation with the Mexican Secretariat of Energy (SENER).

Contact: Gary Ward, 6-6123; Andrea Lockwood, 6-6082

Summit of the Americas: Secretary Chu will be in attendance with President Obama at the Fifth Summit of the Americas, which will take place April 17-19, in Trinidad and Tobago (T&T). The theme is "Securing Our Citizens' Future by Promoting Human Prosperity, Energy Security and Environmental Sustainability." Other members of the U.S. delegation will include Secretary of State Clinton, Secretary of Labor Solis, National Security Adviser Jim Jones, and Economic Advisor Larry Summers. The final version of the Summit Declaration was completed at the last meeting of the Summit Implementation

Review Group (SIRG) on April 15, although Venezuela, Nicaragua and Honduras indicated at that meeting that their leaders will not sign the Declaration due to concerns related to Cuba, the financial crisis, and the inter-American system. Bolivia will sign, but required a footnote indicating that they do not support the biofuels paragraph due to concerns over sustainability and food security issues. While in T&T, Secretary Chu may also have bilateral meetings with energy ministers or other cabinet officials from several key countries in the region. PI-33 prepared briefing materials for the Summit and potential meetings.

Contact: Gary Ward, 6-6123; Andrea Lockwood, 6-6082

China: On April 15, Secretary Chu met with State Councilor (Vice Premier rank) Liu Yandong, who led the first high level Chinese delegation to visit the United States since President Obama's inauguration. Secretary Chu gave Madame Liu a warm welcome by greeting her upon her arrival in front of the Forrestal building. As a key figure in China's scientific establishment, the purpose of this meeting was to exchange views on opportunities for collaboration on science and technology issues. Some of the points Madame Liu made are: 1) Energy security is a common global problem; 2) U.S.-China cooperation on energy is mutually beneficial; 3) The Sino-US Scientific and Technological Cooperation Joint Committee (JCM) meeting should be held once a year instead of every two years; 4) China hopes to increase opportunities for developing new energy and energy efficiency technologies by working with the United States; and 5) China's recent efforts in energy conservation, such as deployment of the Light Emitting Diodes (LED) lights, hybrid vehicles, and decommissioning inefficient fossil-fired power plants, indicate China's commitment to solving global energy and climate change problems. Secretary Chu reinforced our view that the United States and China will have a major impact on how the world uses energy, develops new energy, and the effects on climate change. He noted that China can benefit from the United States' experience in reducing emissions, that we can work with China to develop a new generation of highly efficient buildings, and jointly own property rights. Secretary Chu also noted that as two of the world's largest coal consumers, our two countries should jointly work on the carbon capture and sequestration (CCS) technologies.

Contact: Ehr Ping Huangfu, 6-1493

Media Interest: None

IEA 2009 World Energy Outlook Workshop on Climate Policies: Deputy Assistant Secretary Carmen Difiglio summarized U.S. energy and climate policies and asked that the 2009 *World Energy Outlook* analyze the economic benefits of low-carbon energy/climate policies, including lower world oil prices, reduced oil demand, fewer high marginal cost power plants and reduced criteria pollution. Participants included Minister Olofsson (Sweden), Secretary Ribera (Spain), Peter Lundqvist (Denmark), Henning Wuster (UNFCCC), Michael Grubb (Carbon Trust) and others, especially from international finance organizations that are active in carbon markets or clean energy financing. Difiglio will serve as a peer reviewer of the 2009 *WEO* and will receive the peer review draft on July 31.

Contact: Carmen Difiglio, 6-8436

Media Interest: None

Japan: Deputy Assistant Secretary Phyllis Yoshida met with the Minister/Counselor of the Japanese Embassy to discuss Japan's proposal for expanded research and development to address global energy and environmental challenges. The Japanese were informed that the Department is preparing a response to the Japanese R&D proposal. As part of this proposal, the Japanese request that Memoranda of Understanding (MOU) be signed between up to five Department of Energy Laboratories and Japan's AIST when Japan's Minister of Industry, Trade and Energy Nikai visits Washington on May 4, 2009. It was agreed that we would consider their request regarding MOUs but expressed skepticism that the general nature of the draft documents, which do not identify projects or settle difficult issues of confidentiality and intellectual property rights, may not produce the results the Japanese are seeking.

Contact: Kay Thompson, 6-7997 **Media Interest:** None

III. Upcoming Events of Matters of Secretarial Interest (7-day advance)

No noteworthy upcoming events.

IV. Progress on EPACT Deliverables

Nothing to Report.

V. Press Inquiries

Nothing to Report.

VI. FOIA Requests

Nothing to Report.

VII. Grants, Economic Announcements, and Publications

Nothing to Report.

**OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
WEEKLY REPORT**

April 17, 2009

I. Schedule

The Acting Director of the Office of Civilian Radioactive Waste Management, Christopher Kouts has official travel planned for Las Vegas, NV, during April 21-23 2009.

II. Key Departmental News

Nothing to report

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

International Association for Environmentally Safe Disposal of Radioactive Materials (EDRAM): An OCRWM representative will attend the spring EDRAM meeting in Tokyo, Japan, on April 22 and 23. Participants include executives and chairmen of radioactive waste management organizations from ten other countries. The meeting provides an opportunity for discussion on topics of common interest in the international community, sharing of information on various technical aspects, and program updates provided by each of the participants.

Media Interest: None

Program Contact: Christopher A. Kouts, 202-586-6850

Tribal Update Meeting: A meeting of the Consolidated Group of Tribal Organizations (CGTO) is tentatively scheduled for the third week in April in Las Vegas. The purpose of the meeting is to provide a program update to CGTO members.

Media Interest: None

Program Contact: Allen Benson, 702-794-1322

IV. Progress on EPACT Deliverables

Nothing to report

V. Press Inquiries

Nothing to report

VI. FOIA Requests

Nothing to report

VII. Grants, Economic Announcements, and Publications

Nothing to report

**OFFICE OF SCIENCE
WEEKLY REPORT**

April 17, 2009

I. Schedule

Dr. Patricia M. Dehmer, Acting Director, Office Science, has no travel or leave plans for the upcoming week.

II. Departmental News

DOE Office of Science Issues Call for Proposals for 2010 INCITE Supercomputing Awards: On April 15, the U.S. Department of Energy announced it is accepting proposals for a program to support high-impact scientific advances through the use of some of the world's most powerful supercomputers located at DOE national laboratories. Approximately 1.3 billion supercomputer processor-hours will be awarded in 2010 through the Innovative and Novel Computational Impact on Theory and Experiment (INCITE) program for large-scale, computationally intensive projects addressing some of the toughest challenges in science and engineering. Researchers are currently using ~~supercomputing time under this year's INCITE awards for a variety of projects such as~~ helping to make new biofuels commercially viable and to design low-emission engines.

INCITE awards will go to researchers whose projects would not be possible or productive without the petascale (quadrillion calculations per second) computing and computational support available at DOE leadership-class supercomputing facilities at Argonne National Laboratory in Illinois and Oak Ridge National Laboratory in Tennessee. In its 7th year, the 2010 INCITE program will grant scientists and engineers at universities, industry, national laboratories, and other research organizations access to lightning-fast high-performance computing systems not commonly available in academia or the private sector. Proposals will be peer-reviewed for: scientific merit, suitability of algorithms to perform well on a system's architecture, and computational readiness of a code to make effective use of the system by using a majority of its processors in a single run. Applicants can request allocations for one to three years. Current DOE sponsorship is not required for this program. Details are available in the Call for Proposals. Researchers may submit INCITE proposals until July 1. Award recipients are expected to be announced in November. (For more information, please see the DOE April 15 news release, <http://www.energy.gov/news2009/7260.htm>.)

Media Interest: Yes (trade publications)

Program Contacts: Dr. Michael Strayer, SC-21, 240-994-2335; Dr. Barbara Helland, SC-21, 301-903-3127

New Insights From Computer Simulations May Improve Biomass Deconstruction. Scientists at the DOE BioEnergy Science Center (BESC) led by Oak Ridge National Laboratory (ORNL) have taken a significant step forward in the effort to reengineer microbes to degrade plant biomass more effectively. This degradation, or

“deconstruction,” of plant biomass is the critical first phase in the process of transforming nonfood plant fiber into liquid fuels. Certain microbes that break down plant biomass have large complexes outside their cell walls, known as cellulosomes, which make use of multiple enzymes to break down plant cell walls. So versatile is the cellulosome as a tool of biomass deconstruction that it has sometimes been called the “Swiss Army Knife” of the microbial world. The BESC team used computational simulations to understand the binding dynamics of two proteins that play critical roles in the assembly of the cellulosome. The simulations included a typical cellulosome complex and one with mutant proteins that cause a major change in protein-protein recognition sites needed for normal assembly of the cellulosome. This information will help BESC researchers re-design cellulosomes that can degrade biomass more efficiently than normal cellulosomes. The research, made possible with computational time on the ORNL Kraken Cray XT5 Supercomputer, has just been published on-line in the journal *Protein Science*, in a paper titled: “Building a Foundation for Structure-Based Cellulosome Design for Cellulosic Ethanol: Insight into Cohesin-Dockerin Complexation from Computer Simulation,” by Jiancong Xu, Michael Crowley, and Jeremy C. Smith.

Media Interest: No

Contact: Susan Gregurick, SC-23.2, (301) 903-7672

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

Questions about the Energy Frontier Research Centers and Office of Science Recovery Act funding for materials research submitted by a reporter with the Materials Research Society Bulletin were answered in writing.

Questions from a reporter with Superconductor Week about the Basic Energy Sciences Advisory Committee report, *New Science for a Secure and Sustainable Energy Future*, and the Energy Frontier Research Centers were addressed in writing.

A reporter from Technology Review writing a story on “geo-engineering” requested and was provided information on basic research on climate supported by the Office of Biological and Environmental Research and basic research related to geological carbon sequestration supported by the Office of Basic Energy Sciences.

VI. Grants, Economic Announcements, and Publications

**SOUTHEASTERN POWER ADMINISTRATION
WEEKLY REPORT**

April 17, 2009

I. Schedule

Kenneth E. Legg, Administrator –

The Administrator will be attending the SERC Reliability Corporation (SERC) Board Compliance Committee Meeting and the SERC Board of Directors Meeting on April 21-22, in Atlanta, GA.

The Administrator will attend the Southeastern Federal Power Customer (SeFPC) Meeting on April 28, in Atlanta, GA. He will also be attending the Retirement Dinner and Change-of-Command ceremony for Brigadier General Joseph Schroedel on April 30 and May 1.

Acting Administrator (April – June): Lee Rampey, 706-213-3807

II. Departmental News

SERC Reliability Corporation (SERC) Board Compliance Committee Meeting and SERC Board of Directors Meeting: The Administrator will attend both the SERC Board Compliance Committee Meeting and the Board of Directors Meeting April 21-22 in Atlanta, GA.

Media Interest: No

Program Contact: Kenneth Legg, 706-213-3805

Project Coordination Committee (PCC) Meeting: The Assistant Administrator for Finance and Marketing and Acting Assistant Administrator for Power Resources will attend a PCC meeting in Gatlinburg, TN, on April 21-22. The purpose of the meeting is to discuss customer funding of repairs and replacements of generating equipment in the Cumberland System.

Media Interest: No

Program Contact: Herb Nadler, 706-213-3853

Jim Woodruff Rate Forum: The Assistant Administrators for Finance and Marketing and Legal Affairs and other Southeastern staff will attend a public information and comment forum on April 23, in Tallahassee, FL. The proposed rate adjustment is an increase of approximately 71 percent.

Media Interest: No

Program Contact: J. W. Smith, 706-213-3839

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

**SOUTHWESTERN POWER ADMINISTRATION
WEEKLY REPORT**

April 16, 2009

I. Schedule - Jon Worthington, Administrator

II. Key Departmental News

Southwest Power Pool Regional Transmission Organization (SPP RTO) Board of Directors/Members Committee Meeting will be held April 28-29, in Oklahoma City, Oklahoma. The purpose of this meeting is to provide updates on various SPP committee and working group initiatives, and to discuss ongoing business for the RTO.

Media Interest: None

Program Contact: Tracey Stewart, 918-595-6677

Arkansas/Missouri Municipal Customer Power Pool (ARKMO) Meeting will be held April 28, 2009, at a time and place to be announced. Discussion will center on Southwestern's upcoming Tariff and Rate Schedule changes, anticipated hydro energy availability, scheduling of customer resources, the previous month's pool operation, and Regional Transmission Organization options and their anticipated impact on Federal hydroelectric power production and deliveries.

Media Interest: None

Program Contact: Marshall Boyken, 918-595-6646

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

Joe Hopkins requested documentation for Selectee for Vacancy Announcement SW-2009-04 and DEU-SW-2009-03.

VII. Grants, Economic Announcements, and Publications

**WESTERN AREA POWER ADMINISTRATION
WEEKLY REPORT**

April 17, 2009

I. Schedule

Schedule for Administrator - Timothy J. Meeks

May 6-7 Missouri River Energy Annual Meeting, Sioux Falls, SD
May 8-13 Annual Leave
May 14-15 CREDA Meeting, Tri-State, Denver, CO
(Acting: Tony Montoya)

II. Departmental News

Western Accepts Comments on Boulder Canyon Project Proposed Base Charge:

Western will conduct a Public Comment Forum Wednesday, April 22, for Boulder Canyon Project customers and any interested parties at Western's Desert Southwest Regional Office in Phoenix. The comment forum allows customers and interested parties an opportunity to provide comments, on the record, in connection with the proposed BCP base charge. Based on latest financial information available, the base charge for FY 2010 is expected to increase by 0.11 percent when compared to the existing FY 2009 base charge and rates being paid by the BCP customers.

Media Interest: Trade media

Program Contact: Jack Dodd, 202-586-5581

Provo River Project Annual Customer Meeting Set: On April 20, Western will host the Provo River Project Annual Customer Meeting. The project is a "take all, pay all" project, meaning the three customers of the project take all generation and pay all associated expenses. The customers' charge is not dependent upon the amount of energy generated, but is based on estimated annual expenses for operation. The customers are charged 12, equal-monthly, installments based on the annual estimate of expenses. Each year, a customer meeting is held to discuss the installment, projected generation, and future replacement needs of the project. This meeting will address the FY 2010 installment, which becomes effective October 1.

Media Interest: Trade media

Program Contact: Jack Dodd, 202-586-5581

Western, Reclamation Work to Improve Financial Statements: Western and Reclamation will hold a joint conference the week of April 20. The conference is designed to improve the production of the Reclamation portion of Western's annual report. Topics include allocation methodologies and financial statement adjustments.

Media Interest: Trade media

Program Contact: Jack Dodd, 202-586-5581

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

This week, Western staff responded to local media inquiries on the Transmission Agency of Northern California Transmission Project and to trade media inquiries on the response to Western's Request for Interest in potential transmission projects for renewable energy that could be funded under the Recovery Act borrowing authority.

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

16

49 pgs

DOE WEEKLY REPORT TO THE SECRETARY

April 24, 2009

The following program offices did not submit a Weekly Report for this time period:

All Program Offices Reported

BONNEVILLE POWER ADMINISTRATION WEEKLY REPORT

April 24, 2009

I. Schedule

April 21 – 28: Bonneville Power Administration (BPA) Administrator Steve Wright will be in Washington D.C. to accept a 2008 Presidential Rank Award. The Administrator will meet with Department and other Administration officials. Deputy Administrator Steve Hickok will be acting.

May 8: The Administrator will join other Federal, state, and tribal parties to the 2008 Columbia Basin Fish Accords for an anniversary commemoration event.

May 14: The Administrator will join a panel discussion at a legal seminar on “Fisheries and Hatcheries: Legal and Regulatory Frameworks” in Seattle, Washington. Chief Operating Officer Anita Decker will be acting.

II. Departmental News

Request for Interest for Smart Grid Proposal: BPA has released a request for interest from regional utilities to partner with BPA on a proposal to the Department of Energy for a Smart Grid demonstration project.

Media Interest: Low

Contact: Sonya Baskerville 202-586-5640

Deputy Administrator to Retire: BPA Deputy Administrator Steve Hickok will retire on May 1. Mr. Hickok will have completed 38 years of Federal service.

Media Interest: Low

Contact: Sonya Baskerville 202-586-5640

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report.

IV. Progress on EPACT Deliverables

Nothing to report.

V. Press Inquiries

Conditional Firm Transmission Service: BPA is announcing to regional media that it has begun making its first offers for Conditional Firm transmission service. Conditional Firm service is an innovation designed to offer long-term transmission over constrained paths when transmission inventory does not allow regular long-term service to be offered. BPA expects that this service will allow approximately 1,300 megawatts of new transmission to be made available, including for new wind generation, without having to wait for expansions or upgrades of its transmission system.

VI. FOIA Requests

Nothing to report.

VII. Grants, Economic Announcements, and Publications

Nothing to report.

**OFFICE OF THE CHIEF FINANCIAL OFFICER
WEEKLY REPORT**

April 24, 2009

I. Schedule

Steve Isakowitz will be out of the office on Friday, May 1, but will be in the office for the rest of the week of April 27, 2009.

II. Departmental News

STRIPES Deployment: The Chicago and Golden Offices were successfully deployed onto STRIPES on March 30. Both Offices have already released over 75% of their instruments; over 3,400 documents in total. The deployment has been the largest deployment to date. STRIPES personnel have been providing on-site support to assist with all deployment and Recovery activities.

Media Interest: No

Program Contacts: M. Sparks, (301) 903-2144

~~**Second Quarter FACTS II Budgetary Data Transmitted to Treasury and OMB on**~~

~~**Time:** The Department's second quarter FY 2009 FACTS II budgetary trial balances were submitted to Treasury and certified on Wednesday, April 15, one day before the April 16 deadline for submissions. Treasury provides this data to OMB and it is used to prepare the Department's SF-133s, Report on Budget Execution and Budgetary Resources.~~

~~**Media Interest:** No~~

~~**Program Contacts:** Barbara Harbell, (301) 903-3774 / Bethany Williams, (301) 903-9715~~

Second Quarter Financial Statements submitted to OMB on time: The Office of Financial Controls and Reporting submitted the Department's second quarter interim financial statements on April 21, in accordance with OMB's reporting requirements. The submission included the Consolidated Balance Sheet, Consolidated Statement of Net Cost, the Combined Statement of Budgetary Resources, and descriptions of significant balance changes from second quarter FY 2008 to second quarter FY 2009. The purpose of interim financial statements is to ensure that timely and accurate financial information is readily available to Federal agency managers throughout the year.

Media Interest: No

Program Contacts: Deanna Ammons, (301) 903-5374 / Jeffrey Carr, (301) 903-2506

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcement, and Publications

**OFFICE OF CONGRESSIONAL AND INTERGOVERNMENTAL AFFAIRS
WEEKLY REPORT**

April 24, 2009

I. Schedule

Nothing to report.

II. Departmental News

Congressional Hearings:

On April 28, Matt Rogers, S-1 will testify before the Senate Energy and Natural Resources Committee regarding legislation to improve the availability of financing for deployment of clean energy and energy efficiency technologies and to enhance United States' competitiveness through the creation of a Clean Energy Deployment Administration within the Department of Energy.

Media Interest: Yes

Program Contact: Betty Nolan, 202-586-7328

On April 28, Steve Chalk, EE, will testify before the House Science and Technology Subcommittee on Energy and Environment regarding energy efficiency in buildings.

Media Interest: Yes

Program Contact: Martha Oliver, 202-586-2229

DOE Nomination Hearing:

On April 28, the Senate Armed Services Committee will consider the nomination of Inés Triay for the position of Assistant Secretary for Environmental Management.

Media Interest: Yes

Program Contact: Steve Lerner, 202-586-5470

Congressional Meetings and Briefings:

On April 28, Dr. Kristina M. Johnson and CI staff will have a courtesy visit with Senator Richard Durbin (D-IL).

Media Interest: No

Program Contact: Betty Nolan, 202-586-7328

Congressional Nuclear Cleanup Caucus Briefings:

Gerald Boyd, DOE site manager at the Oak Ridge Reservation and Paul Divjak, President and General Manager, Bechtel Jacobs will provide a site status and outlook briefing to the Congressional Nuclear Cleanup Caucus on April 30, 2009. This is one of seven Caucus briefings on EM sites, which are scheduled to run through June.

Media Interest: Yes

Program Contact: Steve Lerner, 202-586-5470

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report.

IV. Progress on EPACT Deliverables
Nothing to report.

V. Press Inquiries
Nothing to report.

VI. FOIA Requests
Nothing to report.

VII. Grants, Economic Announcements and Publications
Nothing to report.

**OFFICE OF ECONOMIC IMPACT AND DIVERSITY
WEEKLY REPORT**

April 24, 2009

I. Schedule

The Acting Director of the Office of Economic Impact and Diversity, Annie Whatley will be in the office the week of April 27, 2009.

II. Key Departmental News

Nothing to report

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

"Celebr-asian" conference – The Office of Economic Impact and Diversity's Office of Small and Disadvantaged Business Utilization will meet with the U.S. Pan Asian Chamber of Commerce on Tuesday, April 28, 2009, to discuss DOE's participation in "Celebr-asian," the conference is annually sponsored by the chamber. ED will meet with Ms. Sue Allen, President of the chamber on Tuesday, April 28, to discuss DOE's participation in the event. Kent Hibben will participate as a speaker and counselor to small businesses. The conference will be held in New York, May 20-22, 2009.

Media Interest: None

Point of Contact: Brenda DeGraffenreid, 586-4620

White House Initiative on Historically Black Colleges and Universities: A member of the Office of Minority Economic Impact will be attending the 2nd Technical Assistance Conference on April 26-28, 2009 at Norfolk State University in Norfolk, Virginia. The conference will bring together more than 400 representatives from the HBCU community, federal, and private sectors. A key focus of the conference will be to provide attendees with an opportunity to interact with federal agency representatives and to learn about proposal development, grant and contracts, fellowships, internships, and other initiatives.

Media Interest: None

Point of Contact: Jamie Scipio, 586-5876

IV. Progress on EPACT Deliverables

Nothing to report

V. Press Inquiries

Nothing to report

VI. FOIA Requests

Nothing to report

VII. Grants, Economic Announcements and Publications
Nothing to report

**OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
WEEKLY REPORT**

April 24, 2009

I. Schedule for Principal Deputy Assistant Secretary Steve Chalk

Steve Chalk has no travel scheduled during this reporting period.

II. Departmental News

Vice President Biden Announces \$300 Million in Recovery Act Funds for Clean Cities Program, April 22. Vice President Joe Biden announced \$300 million in funding from the Recovery Act for state and local governments and transit authorities to expand the nation's fleet of clean, sustainable vehicles and the fueling infrastructure necessary to support them. The Clean Cities Program offers \$300 million to support at least 30 alternative fuels or advanced vehicles projects and requires a 50 percent participant cost share. Technologies eligible to be funded include a number of different light and heavy-duty vehicles, including hybrid, plug-in electric hybrid, hydraulic hybrid, electric, fuel cell, and compressed natural gas vehicles.

Media Interest: Trade press

Program Contact: Patrick Davis, 202-586-8061

Earth Day Animation Feature Provides Energy Saving Tips. During Earth Week, visitors to the Department of Energy (DOE) Web site (www.energy.gov) will be directed to a special Web feature giving them key energy saving tips and user-friendly information about the critical emerging technologies and initiatives underway to move the Nation toward a clean energy economy. The Web page will help people enjoy a more green lifestyle by offering steps consumers can take to make informed energy decisions, save money on monthly bills, become more energy efficient, and protect the environment. After this week, visitors will be able to find the feature on the energy.gov website by searching for "earth day."

Media Interest: Trade press

Program Contact: Kevin Brosnahan, 202-586-0462

Building America Builders Challenge Groundbreaking Ceremony, April 15. Atlanta Mayor Shirley Franklin joined CHRIS Kids, Inc., an Atlanta-based non-profit, to break ground April 15 on the nation's first multi-family development under DOE's Building America Builders Challenge Initiative. More than 100 state and local officials participated in the groundbreaking ceremony which received substantial local press coverage. The project, scheduled for completion in 2011, transforms four existing apartment buildings in East Atlanta into an affordable multifamily housing community for youth who grow up in the foster care system, are runaway, or homeless. The new Builders Challenge-designed residence will include 39 housing units, each with one and two bedrooms, program and administrative offices, a computer lab, and training rooms.

It is a \$10.1 million investment funded through charitable donations and public capital funds.

Media Interest: Trade press

Program Contact: George James, 202-586-9472

DOE and Uptime Institute Recognize Leaders in Data Center Energy Efficiency.

On April 15, DOE and the Uptime Institute recognized organizations for improved energy efficiency in data centers. Seven awards were presented during a ceremony at the Uptime Institute's 4th Annual Research Symposium: LEAN, CLEAN, and GREEN.

John Lushetsky, Acting Deputy Assistant Secretary for Energy Efficiency, gave a speech and presented the awards along with Kenneth Brill, Executive Director of the Uptime Institute. DOE worked with the Institute to create the Save Energy Now Data Center Award category within the Green Enterprise IT Awards. A full list of award winners is available at <http://uptimeinstitute.org/>.

Media Interest: None

Program Contact: Paul Scheihing, 202-586-7234

IV. Progress on EPACT Deliverables

Nothing to report that rises to Secretarial attention.

V. Press Inquiries

Nothing to report that rises to Secretarial attention.

VI. FOIA Requests

Nothing to report during this reporting period.

VII. Grants, Economic Announcements and Publications

Nothing to report during this reporting period.

**ENERGY INFORMATION ADMINISTRATION
WEEKLY REPORT**

April 24, 2009

I. Schedule

Nothing to report

II. Departmental News

Nothing to report

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report

IV. Progress on EPACT Deliverables

Nothing to report

V. Press Inquiries

Nothing to report

VI. FOIA Requests

Nothing to report

VII. Grants, Economic Announcements, and Publications

EIA Releases Updated Monthly Petroleum Data: EIA has published its most recent world oil market statistics on its Web at:

(<http://tonto.eia.doe.gov/cfapps/ipdbproject/IEDIndex3.cfm>). The data includes world petroleum supply statistics through January 2009. In addition, the data shows estimates for petroleum demand, stocks, and imports for the Organization for Economic Cooperation and Development (OECD) countries through December 2008 and estimates of the world oil balance for 2004-2008. OPEC aggregate totals now exclude Indonesia for all years.

Media Interest: None

Program Contact: Patricia Smith, EI-64, 586-6925

**ENVIRONMENTAL MANAGEMENT
WEEKLY REPORT**

April 24, 2009

I. Schedule

Acting Assistant Secretary, Inés Triay will be in the office April 27-May 1, 2009.

II. Key Departmental News

2009 Nuclear Cleanup Caucus Site Briefings: Congressman Doc Hastings (WA-04), Chairman of the bipartisan House Nuclear Cleanup Caucus will host the 15th annual briefing series on the Department of Energy's nuclear cleanup program. Acting Assistant Secretary Inés Triay will kick off the 2009 series with an overview of the Environmental Management program. Each week's briefing focuses on a specific site office with presentations conducted by local site managers and contractors. The briefings are open to Members of Congress, congressional staff, the news media and other interested individuals. All briefings will be from 8:30-9:30 am in Washington, DC. Following is the schedule:

April 30	Oak Ridge, TN 210 Cannon House Office Building
May 7	Portsmouth/Paducah Project Office, OH-KY 210 Cannon House Office Building (8:00-9:00 am)
May 14	Office of River Protection, WA Capitol Visitor Center Congressional Meeting Room South
May 19	Environmental Management Overview from Acting Assistant Secretary, Inés Triay 210 Cannon House Office Building (8:00-9:00 am)
May 21	Richland Operations Office, WA Capitol Visitor Center Congressional Meeting Room South
June 4	Idaho National Laboratory 210 Cannon House Office Building
June 11	Savannah River, SC 210 Cannon House Office Building

50 New Employees Hired Under the American Recovery and Reinvestment Act Report to Work at the Savannah River Site (SRS): The first 50 employees hired with the Savannah River Site's Recovery Act funding began work during the week of April

20, 2009. These 50 union employees include carpenters, electricians and iron workers, who will be working at locations across SRS. Under the Recovery Act, SRS will continue to add staff over the coming months to accelerate the decommissioning of facilities and cleanup of contaminated areas throughout the Site. SRS estimates that up to 3,000 jobs will be created or retained at the Site during the 30-month project.

Media Interest: Regional

Program Contact: Cynthia Anderson, 202-586-2083

Savannah River Site Accelerates TRU Waste Shipment Under Recovery Act: The Savannah River Site (SRS) began a new phase of waste disposition today, initiating the first shipment of Remote Handled (RH) Transuranic (TRU) waste to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico. These shipments compliment the contact handled TRU waste shipments that have been occurring at SRS for almost a decade. Under the American Reinvestment and Recovery Act, the workforce at SRS will grow significantly and shipments of RH TRU waste will nearly double over the course of the 30-month project. About 4,500 m3 of TRU waste will be shipped or prepared for shipment as part of the Recovery Act project.

Media Interest: Regional

Program Contact: Jeffrey Allison, 803-952-6337

Office of River Protection (ORP), Waste Treatment and Immobilization Plant (WTP) Project Earns Merit Status: The WTP project is the largest federal construction project in the nation, employing thousands of craft and professional workers to design and build a radiochemical processing plant to vitrify (immobilize in glass) millions of gallons of radioactive and chemical waste at Hanford. Workers on this project face numerous potential hazards, requiring a high degree of focus and strong commitment to quality and safety leadership. DOE has awarded the WTP project the agency's Voluntary Protection Program (VPP) Merit status as a result of the project's commitment to safety and health and commitment to attaining Star status within a 5-year period. On April 20, 2009, the ORP Manager presented the VPP Merit flag and certificate to workers at the WTP construction site.

Media Interest: Local/Trade

Program Contact: John R. Eschenberg, 509-376-3681

First Trainload of Uranium Mill Tailings Leaves Moab: On April 20, 2009, the Moab UMTRA Project began a process that will move 16 million tons of uranium mill tailings away from the Colorado River near Moab, Utah. The mill tailings are being moved by train to a location 30 miles away, near Crescent Junction, Utah, where it will be safely and permanently disposed of in an engineered cell. Initially, full operations will commence with trains of 88 containers, running each evening Monday through Thursday. During the summer of 2009, train shipments are planned to increase to a seven-day-a-week operation, which will be made possible by the recent selection of the Moab Uranium Mill Tailings Remedial Action Project to receive funds through the American Recovery and Reinvestment Act (ARRA) of 2009.

Media Interest: Regional

Program Contact: Don Metzler, 970-257-2115

Office of Environmental Management Staff to Lead a Symposium Session on Sustainable Metal and Radionuclide Remediation: Staff from the Office of Environmental Management (EM) and the Center for Sustainable Groundwater and Soil Solutions at Savannah River National Laboratory organized and will lead a session at the upcoming Battelle *International In Situ and On-Site Bioremediation Symposium*. This conference, to be held in Baltimore, Maryland, on May 5-8, 2009, is a showcase for recent developments in risk assessment, research, and innovative engineering applications to address environmental contaminants. The EM session is entitled “Sustainability of In Situ Metal Immobilization” and includes eight platform talks as well as poster presentations. Researchers from three U.S. national laboratories, EPA, engineering consulting firms, and institutions in South Africa, Belgium, and Kazakhstan will present work related to in situ metal and radionuclide immobilization and biogeochemical influences on remediation sustainability. The Battelle symposium presents a broad view of environmental biotechnology worldwide. It unites scientists, engineers, and participants from industry, academia, and government to define and develop bioremediation and related technologies.

Media Interest: None

Program Contact: Skip Chamberlain, 301-903-7248; Karen Skubal, 301-903-6524

Office of Environmental Management Participating in Benchmarking Initiative with the United Kingdom National Decommissioning Authority (NDA): The Office of Environmental Management (EM) is participating in an NDA benchmarking initiative to share information on asset maintenance at legacy nuclear facilities undergoing decontamination and decommissioning (D&D). NDA and EM staff participated in an information gathering conference call on April 17. EM will share asset tracking and maintenance costing and estimating information with NDA, and NDA will share with its asset management standards and an asset management strategy. EM will also share technology development information related to asset management at facilities undergoing D&D. This benchmarking effort will expand DOE’s international partnership with NDA and allow each to leverage the other’s experiences.

Media Interest: None

Program Contact: Donna Green, 202-586-1467

III. Upcoming Events or Matters of Secretarial Interest

Nomination Hearing to Consider the Nomination of Inés R. Triay to be Assistant Secretary of Energy for Environmental Management: On Tuesday, April 28, 2009, there will be a meeting of the United States Senate Committee on Armed Services to consider the nomination of Inés R. Triay to be Assistant Secretary for Environmental Management. The hearing will take place at 9:00 am in Room SD-106, Dirksen Senate Office Building.

Media Interest: Congressional

Program Contact: Lauren Milone, 202-586-2932

Congressional Visit to the Savannah River Site (SRS): On May 1, 2009, Senator Lindsey Graham, R-SC, Senator Jim DeMint, R-SC, Senator Johnny Isakson, R-GA, and Senator Saxby Chambliss, R-GA, will visit SRS. The Senators will tour and be briefed on the Mixed Oxide Fabrication Fuel Facility, H Canyon, and the K-Area Complex.

Media Interest: Medium, Local

Program Contact: Julie Petersen, 803-952-7690

Environmental Management Advisory Board (EMAB) Meeting: On April 29, 2009, EMAB is scheduled to hold a public meeting at the Crystal City Marriott in Arlington, VA. The meeting agenda includes an EM program update by Acting Assistant Secretary, Inés R. Triay, and discussions by EM senior managers on strategic initiatives, human capital initiatives, communications, and acquisition and project management. The meeting was published in the *Federal Register* on March 27, 2009. EMAB was established in 1992 to provide, in accordance with the Federal Advisory Committee Act, the Assistant Secretary for EM with information, advice, and recommendations on issues affecting the EM program.

Media Interest: Low

Program Contact: Terri Lamb, EM-13, 202-586-9007

IV. Progress on EPACT Deliverables

Nothing to report.

V. Press Inquiries

Nothing to report.

VI. FOIA Requests

Nothing to report.

VII. Grants, Economic Announcements and Publications

Nothing to report.

**OFFICE OF FOSSIL ENERGY
WEEKLY REPORT**

April 24, 2009

I. Schedule - Acting Assistant Secretary Der

All travel and speaking engagements reported through May 15.

II. Key Departmental News

FE Project Monitors Subsurface Conditions at North Sea Carbon Dioxide (CO₂) Storage Site. Researchers from world-acclaimed U.S. marine institutes working with NETL are partnering with European scientists to track the injected CO₂ plume distribution, plume migration, and other related reservoir and subsurface conditions at the site of the world's first and longest running carbon storage operation—the Sleipner gas field in the North Sea. Because the injected gas is displacing pore-space water in the massive Utsira aquifer 1,000 meters under the seabed, the bulk density of the sandstone formation is decreasing, allowing changes in local gravity field strength to be detected by instrumentation developed at Scripps Institution of Oceanography for reservoir management in the oil industry. Scientists aboard their research vessel will receive data transmitted from sensitive gravity instruments positioned on the seafloor. With more than 10 million tonnes of CO₂ stored to date and a lifespan greater than a decade, Sleipner operations are seen as analogous to future coal-based power plants with carbon capture and geologic storage capabilities.

Media Interest: A related FE Techline is being prepared.

Program Contact: Karen Cohen, 412/386-6667

Two FE Reports Assess Impact of Drought on Power Plant Operations. Argonne National Laboratory researchers working with NETL under FE's Existing Plants—Emissions and Capture Program produced two reports on the impact of drought on power plant cooling water intake. Based on data obtained for 423 power plants in 44 states, one report concludes that because of shallow intake depth or high precursory water supply temperature, some power plants nationwide are at risk of curtailing or shutting down operations during moderate or severe drought. A second report, which modeled the effect of drought on western power production, identified five plants representing a total capacity of 3,284 MW (2,820 MW coal-fired) in four states that could face curtailed operations or be shut down. The study also found that hydroelectric generation could drop by almost 30 percent in a severe drought, but that natural gas plants would replace virtually all lost generation. Increases in competing water demands and warmer or more variable climatic conditions in coming years could exacerbate future droughts. Drought-related power losses that prevent running air conditioners and fans during any accompanying hot weather extremes can have devastating effects on populations.

Program Contact: Barbara Carney, 304/285-4671

Unique Catalyst Designed to Improve Methane Reforming. A new material developed and patented at Iowa State University in cooperation with NETL under FE's University Coal Research Program is capable of catalyzing the reactions of steam with methane or carbon monoxide to produce hydrogen while simultaneously separating the carbon dioxide (CO₂) by-product all in one step. The innovative approach would vastly simplify current industrial practice for steam reforming methane, and also allow the product of a coal gasifier to be converted into nearly pure hydrogen in a single step.
Program Contact: Edgar Klunder, 412/386-4678

U.S.-U.K. Collaboration Enters Next Phase in Advanced Materials Research. A multi-year collaboration in advanced materials research of mutual benefit to the United States and the United Kingdom entered Phase II following a briefing to senior officials on accomplishments of the past five years. The ongoing collaboration is an outgrowth of the 2000 U.S.-U.K. Memorandum of Understanding and associated Implementing Arrangement for Fossil Energy Research and Technology Development signed in 2003. Working in cooperation with NETL, collaborators are sharing and developing knowledge and expertise in the key area of high temperature materials for advanced fossil energy power plant applications.
Program Contact: Patricia Rawls, 412/386-5882

III. Upcoming Events or Matters of Secretarial Interest (14-day advance)
None

IV. Progress on EPACT Deliverables

The Research Partnership to Secure Energy for America (RPSEA) Selects EPACT Section 999 Projects. NETL approved the 15 projects selected by RPSEA for negotiation leading to awards: six for the Small Producer Program, and nine for the Unconventional Resources Program. Selected from among more than 90 responses to program solicitations initiated in 2008, the new projects build upon 2007 awards under the Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Resources Research and Development Program. Administered by RPSEA under contract to NETL and funded from lease bonuses and royalties paid by industry to produce oil and gas on federal lands, the Program is designed to increase supply and reduce costs to consumers while enhancing global U.S. leadership in energy technology through development of domestic intellectual capital.

Media Interest: RPSEA press releases dated April 9.

Program Contact: Gary Covatch, 304/285-4589

V. Press Inquiries

None

VI. FOIA Requests

Private Company Requests Copy of Grant. Robert Sommers of Advanced Control Systems has requested a copy of a grant entitled “Beach Cities MicroGrid Renewable and Distributed Systems Integration.”

VII. Grants, Economic Announcements and Publications
None

**OFFICE OF THE GENERAL COUNSEL
WEEKLY REPORT**

April 24, 2009

I. Schedule

No leave or travel plans.

II. Departmental News

AT DOE'S REQUEST COURT REMANDS FURNACES AND BOILERS CASE FOR NEW RULEMAKING

State of New York, Natural Resources Defense Council v. DOE (2nd Cir.). The court granted the Government's unopposed motion for a voluntary remand for further rulemaking proceedings. The case has been removed from the April 29, 2009, oral argument calendar. In this matter, petitioners (the State of New York and the Natural Resources Defense Council), along with other states and other non-governmental organizations, separately petitioned the Second Circuit Court of Appeals for review of DOE's rule establishing energy conservation standards for residential furnaces and boilers. DOE had published those standards at 72 Fed. Reg. 65,136 (November 19, 2007). (A. Mitrani, GC-31, 586-5550)

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

**OFFICE OF THE CHIEF HUMAN CAPITAL OFFICER
WEEKLY REPORT**

April 24, 2009

I. Schedule

Rita Franklin, Acting Chief Human Capital Officer will be on leave April 27 – May 1, 2009. Sarah Bonilla, Director of Human Capital Management will be acting and can be reached on (202) 586-1234.

II. Key Departmental News

Nothing to report in this area.

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

On Monday April 20, 2008, the Office of the Chief Human Capital Officer provided the Dash-2s a Summary of the 2008 Federal Human Capital Survey (FHCS) results for their respective organizational element. All of the Power Administrations and the National Nuclear Security Administration (Headquarters & Field Sites) were rated the highest within the Department.

The Office of Personnel Management (OPM) highlighted two items as a Challenge for all DOE organizational elements based on the survey results:

- Dealing with poor performers
- Linking pay raises to performance on the job

The survey results for organizational elements will be distributed to their Points-of-Contact this week. We will be using OPM's Center for Talent Services to conduct the federally required 2009 Annual Employee Survey which will be much smaller in scale. More details will be forthcoming as we get closer to administering the survey.

Media Interest: Low

Program Contact: Jeffrey Dowell, 202-586-3380

IV. Progress on EPACT Deliverables

Nothing to report in this area.

V. Press Inquiries

Nothing to report in this area.

VI. FOIA Requests

Nothing to report in this area.

VII. Grants, Economic Announcements and Publications

Nothing to report in this area.

**OFFICE OF HEARINGS AND APPEALS
WEEKLY REPORT**

April 24, 2009

I. Schedule

II. Departmental News

Cases Received: The Office of Hearings and Appeals (OHA) received five new cases: 1) two requests from individuals that hearings be conducted under 10 CFR Part 710 to determine their eligibility to hold a DOE security clearance; and 2) three appeals filed under the Freedom of Information Act (FOIA), 10 CFR Part 1004.

Hearings Conducted:

OHA Hearing Officers conducted Personnel Security Hearings (10 CFR Part 710) in Albuquerque, NM.

Decision Issued:

Personnel Security (10 CFR Part 710)

No decisions were issued during this period.

Media Interest: No

DOE Contact: Fred Brown, fred.brown@hq.doe.gov, 287-1545

OFFICE OF CIVIL RIGHTS

Title IX Compliance Review: Arizona State University: The Office of civil rights is currently onsite at the Arizona State University School of Electrical Engineering, conducting a Title IX Compliance Review. Employees from OCR, HG and various field offices are participating in the review.

Contact: Lloyd Buddoo, x6-7351.

Germantown Office Of Civil Rights: After an absence of eight years, a satellite Office of Civil Rights will be re-established at the DOE Germantown facility. The office will be located at F-111, which is centrally located and convenient to all employees stationed in Germantown. We expect the new office to open sometime in May 2009.

Contact: Otto Reid, x7-1488

Media Interest: No

DOE Contact: Bill Lewis, bill.lewis@hq.doe.gov, 6-6530

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on IPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

**OFFICE OF HEALTH, SAFETY AND SECURITY
WEEKLY REPORT**

April 24, 2009

I. Schedule: Glenn S. Podonsky, Chief Health, Safety and Security Officer

April 22: Recognized the 2008 DOE Closing-The-Circle Award and DOE E-Star Award winners.

April 23: Provided welcome message at Interagency Security Committee Technology Best Practices Sub-Committee Meeting.

April 23: At the request of House Committee on Oversight & Government Reform staff participated in a discussion regarding electricity grid and cyber security.

April 28: Provide introductory remarks at Annual Classification Officers Technical Program Review Meeting.

April 28: Provide remarks and participate in Germantown Earth Day Tree Planting Ceremony.

April 30: Travel to the Pantex Site to participate in Independent Oversight Environment, Safety and Health Inspection closeout activities.

May 6: Provide opening remarks at the Biannual Former Worker Medical Screening Program meeting being hosted by HSS at Forrestal.

Schedule: William A. Eckroade, Deputy Chief for Operations

April 21-23: Traveled to the Lawrence Livermore National Laboratory (LLNL) to participate in Independent Oversight Safeguards and Security Inspection activities.

April 26-29: Travel to LLNL to participate in Independent Oversight Safeguards and Security Inspection validation and closeout activities.

II. Departmental News

DOE Headquarters Earth Week Activities: HSS coordinated DOE's celebration of the 39th anniversary of Earth Day this week (April 20-24). Exhibits were on display at the Forrestal Building highlighting DOE's progress in achieving the environmental sustainability goals identified in DOE Orders 450.1A, *Environmental Protection Program*, and 430.2B, *Departmental Energy, Renewable Energy and Transportation Management*. The exhibits will be on display at the Germantown facility next week (April 27-30).

Management Impact: On April 22 (Earth Day) the Chief Health, Safety and Security Officer recognized the DOE winner of the 2008 White House Closing-The-Circle (CTC) Award and DOE Environmental Sustainability (E-Star) Award winners. The CTC award recognizes outstanding achievements for efforts which resulted in significant

contributions to, or have made a significant impact on, promoting environmental stewardship. The E-Star awards recognize exemplary environmental sustainability practices.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Annual Report to Congress on DOE Activities Related to the Defense Nuclear Facilities Safety Board (DNFSB): The Annual Report was provided to the Executive Secretariat for the Secretary's signature this week (April 21).

Management Impact: The report is being prepared per the Atomic Energy Act.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Russian Health Studies Activities: HSS attended meetings in Moscow, Russia, this week (April 21-22) to discuss proposed amendments and seek resolution of issues regarding the extension of the Joint Coordinating Committee for Radiation Effects Research (JCCRER) Agreement with Russian counterparts (Federal Medical Biological Agency, Rosatom, and Civil Defense Affairs and Elimination of Consequences of Natural Disasters). The agreement expired January 14.

Management Impact: On February 13, the Russians objected to all proposed amendments regarding access to Russian sites, data, and stored human tissue samples by U.S. personnel and exemption of DOE funds from Russian taxes. Significant progress was achieved this week in reaching a consensus on all issues.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Training Advisory Committee (TAC) and Training Managers Working Group (TMWG) Meetings: The National Training Center (NTC) hosted the joint Safety and Security TAC and TMWG meetings in Albuquerque, NM, this week (April 21-22). The groups discussed Department-wide safety and security training issues and trends.

Management Impact: The National Institute of Environmental Health Sciences (NIEHS), union safety trainers and the HSS outreach coordinator discussed the collaboration among HSS, NTC, NIEHS, site officers, and unions in planned safety training.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Interagency Security Committee (ISC) Technology Subgroup Meeting: HSS hosted the ISC Technology Subgroup meeting in Forrestal this week (April 23). Several ongoing efforts were briefed including the HSS/NNSA Security Technology Information Archive.

Management Impact: The subgroup is charged with identifying best practices and products in security technology development and deployment throughout the federal government.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Other Government Agencies (OGAs) Classification/Declassification Training:

- A 4-day Historical Records Restricted Data Reviewers (HRRDR) course was presented to declassification reviewers from various Government agencies at the Forrestal Building this week (April 20-24).
- A half-day HRRDR refresher course is scheduled to be conducted for the Lyndon B. Johnson Presidential Library archivists in Austin, TX, the week of May 7.

Management Impact: These activities support DOE's responsibility to assist OGAs to identify and prevent the inadvertent release of sensitive nuclear technologies.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

44th Annual Classification Officers Technical Program Review Meeting: HSS is scheduled to host the annual meeting for DOE/NNSA Federal and Contractor Classification Officers in Germantown next week (April 28-30). Approximately 100 individuals are expected to attend.

Management Impact: This meeting provides field and HQ classification professionals to participate in discussions on topics of mutual interest.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

World Institute for Nuclear Security (WINS) Unites States / United Kingdom

Workshop on Nuclear Security Best Practices: In conjunction with NNSA, HSS is scheduled to participate in the workshop in West Cumbria, United Kingdom, May 5-8. HSS will provide a joint presentation with NNSA on DOE's performance based approach to safeguards and security programs.

Management Impact: The purpose of the workshop is to provide a forum for security managers, regulators and facility owners from the UK and US to share best practices relating to the implementation of security, the development of security performance indicators and the issues surrounding the publication of security performance data.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Biannual Former Worker Medical Screening Program (FWP) Meeting: HSS is scheduled to host the biannual FWP meeting at DOE Headquarters in Washington, D.C., May 6-7 to discuss program priorities and future plans. Approximately 40 participants from organizations conducting FWP activities on behalf of DOE are expected to attend.

Management Impact: The Chief Health, Safety, and Security Officer will provide opening remarks. Also an internationally recognized expert in occupational health from George Washington University will discuss occupational hazards associated with accelerated clean up activities and implications for screening construction workers.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Independent Oversight Activities:

1. Lawrence Livermore National Laboratory (LLNL) Safeguards and Security Inspection: Onsite performance testing and report writing are being conducted April 20–29.
2. Argonne National Laboratory (ANL) / Chicago Office (CH) Classification and Information Control Inspection: Onsite data collection activities were conducted this week (April 21-23).
3. Los Alamos National Laboratory (LANL) Emergency Management Follow-up Inspection: Validation and closeout activities are scheduled to be conducted next week (April 28).
4. Pantex Environment, Safety and Health Inspection: Onsite validation and closeout activities are scheduled to be conducted next week (April 28-30).
5. NNSA-Service Center and National Training Center Cyber Security Inspections: Onsite validation and close out activities are scheduled to be conducted next week (April 30) at both locations.
6. Bonneville Power Administration Cyber Security Inspection: Onsite data collection activities are scheduled to be conducted May 4-7.

Management Impact: These activities support the independent evaluation of the status of the Department's security, cyber security, emergency management, and environment, safety and health (ES&H) programs.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Defense Nuclear Facilities Safety Board (DNFSB) Schedule:

- April 23: Savannah River briefed the Board on H-Canyon electrical safety.
- April 28: Y-12 will brief the Board on criticality safety.
- April 30: NNSA and EM will brief the Board on the Criticality Safety Program.
- April 30: The Assistant Deputy Administrator for Nuclear Safety and Operations, NNSA will brief the Board on topics selected by the Board.

Management Impact: Information is provided to keep DOE Senior Management aware of DNFSB activities and interests.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)**IV. Progress on EPACT Deliverables****V. Press Inquiries****VI. FOIA Requests****VII. Grants, Economic Announcements, and Publications**

**OFFICE OF THE CHIEF INFORMATION OFFICER
WEEKLY REPORT**

April 24, 2009

I. Schedule

Nothing to report

II. Departmental News

The first meeting of the DOE Cyber Security Governance and Requirements Review Team was held on April 24, co-chaired by CIO Tom Pyke and Sandia CIO Art Hale. A good start was made on developing a basis to establish a revised set of minimum cyber security requirements for the Department, based largely on external direction that the Department is required to follow.

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report

IV. ~~Progress on EPACT Deliverables~~

Nothing to report

V. Press Inquiries

Nothing to report

VI. FOIA Requests

Nothing to report

VII. Grants, Economic Announcements, and Publications

Nothing to report

**OFFICE OF LEGACY MANAGEMENT
WEEKLY REPORT**

April 24, 2009

I. Schedule

Nothing to report

II. Departmental News

Nothing to report

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report

IV. Progress on EPACT Deliverables

Nothing to report

V. Press Inquiries

Nothing to report

VI. FOIA Requests

Date of Request: 04/03/2009

Requester: Jeannette Huskey

Subject Matter: Medical Records while employed at Monsanto Research Corp at
Miamisburg, OH

Date of Request: 04/15/2009

Requester: Rick Kim

Subject Matter: Records relating to an explosion at the Sylvania Electric Products Co.,
plant in Bayside, New York.

Date of Request: 04/20/2009

Requester: Maryann C. (Anger) Hagen

Subject Matter: Medical and Personnel records while an employee at Pinellas.

Date of Request: 04/22/2009

Requester: Kathleen F. Gowdy

Subject Matter: Employment, Personnel and Medical Records while an employee at
Pinellas

VII. Grants, Economic Announcements and Publications

Nothing to report

**OFFICE OF MANAGEMENT
WEEKLY REPORT**

April 24, 2009

I. Schedule

II. Departmental News

Deployment of the Strategic Integrated Procurement Enterprise System

(STRIPES): The Office of Procurement and Assistance Management is in the process of implementing STRIPES at Chicago, Golden and Savannah River field offices. Both Chicago and Golden are operational, but work continues on post-deployment activities. The deployment and post-deployment activities included enhanced support in response to the large number of procurement and financial assistance actions that will result from the funding provided for under the American Recovery and Reinvestment Act of 2009 (the Recovery Act).

Media Interest: None

Program Contact: Doug Baptist, (202) 287-1658

Award of Cooperative Agreement: On April 9, 2009, the Office of Procurement and Assistance Management awarded a cooperative agreement to Science and Engineering Alliance, Inc. (SEA) to develop and implement a program to increase the annual participation of students from underrepresented groups in the Department's sponsored national science bowl competition. SEA will develop criteria for selection of students from high schools in Washington, D.C., Maryland, and Virginia, identifying training opportunities, and providing students with information on career opportunities in energy and engineering related fields. The total cost of the cooperative agreement is \$60,000 for four years.

Media Interest: None

Procurement Contact: F. Bernard Watts, (202) 287-1558

Award of Task Order: On April 17, 2009, the Office of Procurement and Assistance Management awarded a task order to Delta Research Associates, Inc., to provide for correspondence, records management, and administrative and security support for the Office of Nuclear Energy. The total value of the task order is \$3.2M for five years.

Media Interest: None

Procurement Contact: Ryan Miller, (202) 287-1487

Energy Privacy Steering Committee (EPSC) Kickoff: The Department of Energy (DOE) Privacy Steering Committee (EPSC) will hold its inaugural meeting on April 23, 2009, at the DOE Headquarters Forrestal Building. The EPSC is an essential component of DOE's ongoing efforts to identify processes to eliminate the unnecessary use of Social Security Numbers (SSNs), and to safeguard Personally Identifiable Information (PII) while mitigating risks to support the mission of DOE. The EPSC will provide a Department-wide forum to discuss the implementation of the DOE Social Security

Number Reduction Plan, new Office of Management and Budget directions for privacy, and the privacy implications of the recent Government/ Web 2.0 Social Media Agreements.

Media Interest: None

Program Contact: Jerry Hanley, (202) 586-0483

Certification Review for Isotek, LLC, at Oak Ridge, TN: This week, the Office of Engineering and Construction Management (OECM) conducted a certification review of Isotek's Earned Value Management System (EVMS) for compliance with the industry standard ANSI/EIA-748. DOE Order 413.3A requires use of ANSI/EIA-748 compliant EVMS on capital asset projects.

Media Interest: None

Program Contact: Cynthia Seiter (202) 586-9548

EVMS Readiness Assessment in Golden, CO: On April 23, a meeting was held with representatives of the Alliance for Sustainable Energy, LLC (ASE), which is the contractor for the National Renewable Energy Laboratory, and OECM. The visit was to perform a Readiness Assessment of ASE's EVMS as part of OECM's process for certifying the contractor's system as compliant with the industry standard ANSI/EIA-748.

Media Interest: None

Program Contact: Jim Fountain (202) 586-4342

Interagency Sustainability Working Group: On April 21, OECM was represented at the quarterly Interagency Sustainability Working Group (ISWG) meeting. The Office of the Federal Environmental Executive announced plans at the ISWG meeting for a new sustainability (greening) executive order that will stress reductions in greenhouse gas emissions. The Office of Management and Budget presented OECM drafted changes to reporting guidance for the mandatory sustainability data element of the Federal Real Property Profile (the Government-wide real property database).

Media Interest: None

Program Contact: Ivan Graff, (202) 586-8120

Certification Review Board Activities: OECM hosted the Certification Review Board (CRB). The CRB approved eight certification actions and six new Federal Project Directors. As a result, the Department has attained a level of 288 certified Federal Project Directors.

Media Interest: None

Program Contact: Peter O'Konski, (202) 586-4502

New Forrestal and Germantown Cafeteria Vendor: I. L. Creations has been selected as the new vendor for the Forrestal and Germantown cafeterias. The post-award process and meetings are currently in progress. Dates for the new cafeteria transition, temporary

closing, redesign construction and grand opening will be finalized following completion of the post-award process.

Media Interest: None

Program Contact: Gerri M. Bullock, MA-40, 202-586-4459

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Work on Secretarial Initiatives

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcements and Publications

**OFFICE OF NUCLEAR ENERGY
WEEKLY REPORT**

April 23, 2009

I. Schedule

Acting Assistant Secretary R. Shane Johnson will be traveling to Idaho Falls, Idaho, on April 27-30, 2009, to attend the US – India Civil Nuclear Energy Working Group Meeting.

II. Departmental News

U. S.-India Civil Nuclear Energy Working Group (CNEWG): The meeting will be held in Idaho, April 28-30, 2009. Representatives from the Office of Nuclear Energy, National Nuclear Security Administration, Idaho National Laboratory (INL), the Department of State, and the Nuclear Regulatory Commission will meet with representatives from India's Department of Atomic Energy, Bhabha Atomic Research Centre, and the Ministry of External Affairs. The purpose of the meeting is to re-constitute the U. S.-India CNEWG, to identify technical areas for mutual cooperation and to develop a work plan.

Media Interest: None

Program Contact: Mary Gillespie-NE-61, 202-586-3698

Office of Nuclear Energy (NE) Nuclear Science and Engineering Infrastructure Support Funding Opportunity Announcement (FOA): NE received over 50 applications in response to an FOA for infrastructure support issued on March 11, 2009. The FOA will provide up to \$6 million to U.S. universities and colleges for equipment and instrumentation for research reactors to support education capabilities or enhance capability to perform research and development, which is relevant to NE's mission. U.S. colleges and universities were requested to submit a letter of intent by March 24, 2009. Applications were due by April 15, 2009, through <http://www.grants.gov> to be considered for a one-year award. The maximum award amount is \$300,000. Approximately 20 of the 50 applications are expected to be awarded through this FOA. The Department of Energy anticipates announcing selections by mid-June 2009, with grants issued by September 2009.

Media Interest: None

Program Contact: Ingrid Milton, NE-31, 301-903-3302

Department of Energy (DOE) Office of Nuclear Energy (NE)/Nuclear Regulatory Commission (NRC) Office of Research (RES) Memorandum of Understanding (MOU): DOE NE and NRC RES entered into an MOU applicable to cooperative nuclear safety research activities conducted jointly between DOE and NRC. The intent of this

MOU is to conserve resources and to avoid unnecessary duplication of effort. This MOU will be in effect for five years.

Media Interest: None

Program Contact: Richard Reister, NE-31, 301-903-0234

Status Review of Very-High Temperature Reactor (VHTR) Advanced Modeling and Simulation Project: The VHTR Advanced Modeling and Simulation Project was competitively awarded to an Argonne National Laboratory-led team, which initiated work in September 2008. The objective is to use the code framework developed under the Advanced Fuel Cycle Initiative's Simulation for High-Efficiency Advanced Reactor Prototyping (SHARP) project for sodium-cooled reactors to invent new approaches to the whole-core modeling of prismatic VHTR cores with coupled neutronics and thermo-fluids phenomena. The general goal is to complement traditional reactor design approaches with simulation-based, high-efficiency reactor-prototyping tools. The approach is based on modular code architecture with flexible connectivity allowing incorporation of advances in individual modules or substitution of faster-running approximations.

Media Interest: None

Program Contact: Rob Versluis, NE-31, 301-903-1890

III. Upcoming Events or Matters of Secretarial Interest

IV. Progress of Energy Policy Act of 2005 (EPACT) Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcements and Publications

**NATIONAL NUCLEAR SECURITY ADMINISTRATION
WEEKLY REPORT**

April 24, 2009

I. Schedule

On April 27-28, Administrator Tom D'Agostino and Brig Gen Garrett Harencak, Principal Assistant Deputy Administrator for Military Application, will be traveling to Offutt Air Force Base to meet with officials from the U.S. Strategic Command and to participate in the Stockpile Stewardship Conference hosted by U.S. Strategic Command.

On April 27-May 1, Principal Assistant Deputy Administrator for Defense Nuclear Nonproliferation Ken Baker will be in Moscow to meet with a number of his Russian counterparts.

II. Departmental News

Event: Selection of Developer for Kansas City Responsive Infrastructure Manufacturing and Sourcing (KCRIMS) Project Announcement: A Source Selection Evaluation Board, consisting of members from the General Services Administration (GSA) and the Kansas City Site Office (KCSO), selected Centerpoint Zimmer, LLC, as developer for the KCRIMS Project. On April 6, the results were shared with all competing developer teams. In the summer of 2009, construction at the new site in south Kansas City, MO is expected to commence. During the fall of 2011, tentative completion is slated with full occupancy/operation of the KCRIMS Facility by mid-2013.

Media Interest: Local.

POC: Jim Breed, KCSO, 816-997-3918.

Event: Nevada Shred Day VI: On April 16, Nevada Shred Day VI occurred. The shred truck shredded unclassified controlled information to include Official Use Only (OUO), Unclassified Controlled Nuclear Information (UCNI), and Personal Identifiable Information (PII). A dedicated 64-gallon waste can accompanied the shred truck that accepted all DVDs, CDs, floppy disks, and VHS tapes. The material was stored in the locked trash bin until the following Monday when the shred crew disposed of the information. All employees were strongly encouraged to bring in all their shreddables from work and/or home.

Media Interest: Local.

POC: Wayne Morris, NSO, 702-295-2979.

Event: Significantly Improved Pit Pre-Screening Process Occurs at Los Alamos National Laboratory (LANL): LANL is utilizing an improved process for pre-screening pits for homogeneity. Units that pass the pre-screening criteria are candidates for further recertification processing. Past pre-screening processing (using hard copy drawings, build record documents, specifications, and work instructions) could take from six months to a year to complete. Recently, a large number of electronic pit build records

and data were examined and cross-referenced within one day by a team of experts who were able to delineate a select set of homogeneous pits for potential recertification while avoiding significant costs. This effort was realized by the Surveillance Data and Access and Archive Project (SDAAP) under the Product Realization Integrated Digital Enterprise program.

Media Interest: None.

POC: Paul F. Krumpe, NA-122.21, 202-586-2731.

Event: W80-1 Flight Test: W80-1 Joint Test Assembly 1-R, S/N 1089, was scheduled for testing following the flight test of an Air Force Operational Test Launch (OTL) unit. On April 13, the Air-Launched Cruise Missile (ALCM), with the OTL on board, was successfully launched. Approximately 3 hours into the test, the ALCM experienced a voltage anomaly, resulting in early termination of the flight by Utah Test and Training Range safety personnel. An Air-Launched Missile Analysis Group (ALMAG) was convened to investigate the cause of the anomaly. Consistent with standard procedure each time an ALMAG is convened, all flight tests were suspended pending completion of the investigation and approval to resume testing by the ALMAG chairperson.

Media Interest: None.

POC: Monica Chavez, NA-122.25, 505-845-4506.

Event: Milestone Achieved for Miniature High Voltage Ceramic Capacitor

Development: The Advanced Design and Production Technologies (ADAPT) Program funded an effort to develop specialized ceramic capacitors for a compact fire set. The team utilized a high aspect ratio design to improve the energy density while reducing the height of the device. Capacitors with designs like these are not available as “off the shelf” items from suppliers, which presents processing challenges during manufacturing. The Kansas City Plant (KCP) overcame these challenges through material selection and specialized fabrication techniques. These efforts led to a 15 percent increase in the energy density of the reduced height ceramic capacitors that can be used in lower profile fire set housings. This project supports the transformation initiative in the Nuclear Security Enterprise to develop improved processes required for future systems.

Media Interest: None.

POC: Lew Steinhoff, NA-122.3, 202-586-6303, Kent Davis, KCSO, 816-997-3916, and David Prigel, KCP, 816-997-4894.

Event: Plant Directed Research & Development (PDRD) Raman Spectroscopy

Development: New analytical techniques are constantly evaluated for use within KCP to support production. Raman spectroscopy is quickly becoming a useful tool to analyze a broad range of materials, from polymers to semiconductors. This PDRD Project is demonstrating the use of this technique on samples from the KCP in conjunction with the Physics Department at the University of Missouri, Kansas City. Current results indicate that the technique is viable for analyzing foreign material on stainless steel surfaces and for the study of many polymeric materials.

Media Interest: None.

POC: Abdul Dasti, NA-122.3, 202-586-4072 and Caron O’Dower, KCP, 816-997-2645.

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Event: DOE/NNSA and State Department Signed U.S.- United Arab Emirates Agreement for Cooperation on Peaceful Uses of Nuclear Energy: On April 17, the Secretary of Energy signed the Agreement for Cooperation on Peaceful Uses of Nuclear Energy (123 Agreement) with the United Arab Emirates (UAE). On April 20, the Secretary of State signed it. Now concluded, the Agreement establishes the legal framework for significant nuclear commerce and for transfers of nuclear material, equipment, and components from the United States to the UAE. The next step is for the President to submit this agreement to Congress for consideration. This is the first agreement that the U.S. Government has negotiated where the partner has pledged not to pursue enrichment or reprocessing capabilities in return for the ability to have its spent fuel reprocessed in France.

Media Interest: Potentially high once the President signs the agreement.

POC: Rich Goorevich, NA-24, 202-586-0269.

Event: Principal Assistant Deputy Administrator Ken Baker to Visit Russia: From April 25 - May 1, Principal Assistant Deputy Administrator Ken Baker will be in Russia. During this trip, Ken Baker and Ivan Kamenskikh (Rosatom) will initiate dialogue on the plan for accomplishing the nonproliferation objectives announced by President Obama in London and Prague. Mr. Baker and Mr. Kamenskikh will also discuss elements of a possible joint Presidential statement on nuclear security cooperation and nonproliferation. Mr. Baker will also make opening remarks at a Material Consolidation and Conversion (MCC) Agreement meeting. On April 29, Mr. Baker and Mr. Kamenskikh will co-chair the Second Joint Program Managers Executive Committee (JPMEC) to resolve outstanding issues related to the pace of the Zheleznogorsk Plutonium Production Elimination Project construction and Russian plans to shut down the last plutonium production reactor operating in Russia. Mr. Baker will also meet with First Deputy Vladimir Malinin (Customs) for a ceremony involving the NNSA Second Line of Defense (SLD) Program and the Northwest Customs Regional Headquarters.

Media Interest: Low.

POC: Jessica Raber, NA-20, 202-586-7849.

Event: Commissioning Ceremony for SLD's Megaports Initiative at the Port of Cartagena, Colombia: It is expected that during the end of April, the Office of International Material Protection and Cooperation's SLD Program will participate in a commissioning ceremony at the Port of Cartagena in Colombia to recognize the successful operation of radiation detection equipment. This specialized system detects the presence of dangerous nuclear and other radioactive materials by scanning all import and export container traffic transiting the Port of Cartagena. In December 2006, NNSA signed a joint Declaration of Principles with the Colombian Directorate of Customs and Taxation (DIAN) and U.S. Customs and Border Protection (CBP). This Declaration provided for the implementation of both the CBP's Container Security Initiative (CSI) and NNSA's SLD Megaports Initiative. In September 2008, Megaports radiation detection system at the Port of Cartagena became operational. DIAN is now staffing the

central alarm station and analyzing and responding to radiation alarms, working closely with the port operator Sociedad Portuaria Regional de Cartagena (SPRC) to place automatic holds on suspect containers for further inspection.

Media Interest: Low.

POC: Tracy Mustin, NA-25, 202-586-2676.

Event: Stockpile Stewardship Conference: On April 28, U.S. Strategic Command will host a Stockpile Stewardship Conference at Offutt Air Force Base, NE. The conference objectives are to review the status of the nuclear stockpile, examine current and projected Stockpile Stewardship Program activities supporting longer-term sustainment of the stockpile, and discuss potential safeguards supporting a range of arms control agreements. Administrator Tom D'Agostino plans to attend with stakeholders from the Departments of Defense and State, and the Intelligence Community.

Media Interest: None.

POC: Jeff Davis, NA-10, 202-586-3852.

Event: 2009 Nuclear Explosive Safety (NES) Workshop: On April 28-30, Sandia National Laboratories (SNL) will host the 2009 NES Workshop for the Nuclear Explosive Safety Branch. This annual workshop provides a forum for the NES community to exchange information, address current issues, and receive technical briefings and training on topics of NES interest.

Media Interest: None.

POC: Ron Baca, NA-122.11, 505-845-6213.

Event: NTS Tours: On April 28, Ralph Vatarbedian, *Los Angeles Times*, will tour the NTS to gather data for his story on NTS groundwater. He has already conducted a number of interviews with personnel from with Nevada Site Office (NSO), State of Nevada, Nye County, and DOE and NNSA Headquarters. On April 29, the Defense Threat Reduction Agency (DTRA) is sponsoring a tour of the NTS for participants in SNL's Weapons Intern Training Program.

Media Interest: None.

POC: Darwin Morgan, NSO, 702-295-3521.

Event: KCP 60 Year Celebration: On May 2, the Kansas City Site Office and Honeywell Federal Manufacturing & Technologies will celebrate their 60th Anniversary at the Harry S. Truman Library and Museum.

Media Interest: None.

POC: Myra Everette, Honeywell, 816-997-5239.

IV. Progress on EPACT Deliverables

V. Press Inquiries

Event: NNSA Public Affairs: This week, Public Affairs (PA) issued a press release announcing the 30th Anniversary Celebration of the National Atmospheric Release Advisory Center (NARAC) at Lawrence Livermore National Laboratory (LLNL).

NARAC provides tools and services for mapping the probable spread of hazardous material accidentally or intentionally released into the atmosphere. Among other accidents, the center gained its fame during the Three Mile Island and Chernobyl accidents. Media was invited to the celebration, for an opportunity to see demonstrations and capabilities of NARAC through previous events and other simulations. On April 22, Principal Assistant Deputy Administrator, Brig Gen Garrett Harencak visited the Savannah River Site (SRS) for tours and briefings of Office of Defense Programs activities. NNSA PA responded to national, international, and regional media inquiries regarding the FY 2010 Budget and a variety of other issues. Next week, a press release announcing NNSA's participation in the commissioning ceremony of a Megaports Initiative to recognize the successful operation of radiation detection equipment at the Port of Cartagena in Colombia is scheduled. PA has also scheduled an interview for the Administrator with the *National Journal*.

Media Interest: High.

POC: Anna Awosika, NA-3.5, 202-586-7371.

On April 15, Mark Waite, *Pahrump Valley Times*, called requesting information on a proposal by the University of Nevada, Las Vegas (UNLV), to work at the NTS. The reporter was told NNSA could not provide comment because no proposal has been received from UNLV. When a proposal is received, NNSA will review it and decide on the correct path forward.

POC: Darwin Morgan, NSO, 702-295-3521.

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

**OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY
WEEKLY REPORT**

April 24, 2009

I. Schedule

Patricia A. Hoffman, Acting Assistant Secretary, does not have any travel or leave plans for the week beginning April 27, 2009.

II. Key Departmental News

NPR to Air Energy Storage Topic. On April 15, National Public Radio (NPR) interviewed Dr. Imre Gyuk at DOE headquarters on the topic of energy storage. The available portfolio of storage technologies was discussed, including sodium-sulfur, flow-batteries, and the new lead-carbon batteries as well as flywheels and Li-Ion batteries for short term cycling. The need for developing compressed air energy storage and pumped hydro for balancing the variability of rapidly increasing renewable resources was outlined. Applications ranging from frequency regulation, distribution reliability, and substation upgrade deferral to ramp compensation and diurnal dispatchability of renewables were mentioned. The interview will be aired later in April as part of a week long series on the development of the modern grid.

Media Interest: Potential

Program Contact: Imre Gyuk, 586-1482

Transfer of Australian Battery Technology Discussed. On April 16, OE hosted a meeting at DOE headquarters to facilitate transfer of a recently invented lead-carbon battery technology to American production. The new device, which was developed at CSIRO, the Australian National Laboratory, has performance characteristics similar to Li-Ion batteries but costs one third the price. After exhaustive tests at Sandia National Laboratory, East Penn Manufacturing, one of the biggest battery companies in the U.S. has decided to produce the device in its U.S. plant. It is estimated that this will lead to creation of some 300 to 500 jobs during the next two or three years. The extended cycle life of the new battery and its ability to undergo rapid cycling will make it a promising candidate for many emerging storage applications. Participants at the meeting included representatives of CSIRO, Sandia National Laboratory, and East Penn Manufacturing along with Dr. Imre Gyuk and Hank Kenchington of OE.

Media Interest: None

Program Contact: Imre Gyuk, 586-1482

OE Staff Participated in Briefings with KSA, State, DOD. During the week of April 20, Carissa VanderMey from the Infrastructure Security and Energy Restoration (ISER) Division attended the Industrial Security Working Group (ISWG) meeting at the Office of Primary Mission (OPM)-Ministry of Interior (MOI) Conference in the Kingdom of Saudi Arabia (KSA). On behalf of the U.S. Department of Energy and Deputy Assistant Secretary of ISER, William Bryan—the co-chair of the ISWG along with KSA's MOI—

the ISER representative participated in high-level briefings with the U.S. Ambassador to the KSA, as well as the U.S. DOD and key officials within the KSA's MOI. Representatives from U.S. DOE Sandia National Laboratory, who will support DOE/ISWG efforts, were also in attendance. The outcome of the Working Group will be the signature of the Project Specific Agreement (PSA) between U.S. DOE and KSA's MOI at the Deputy Secretary level or higher. Upon signature of the PSA, DOE will begin the implementation plan and assessment of the KSA's critical energy infrastructure. Participants included U.S. DOE, U.S. DOE SNL, U.S. DOD, U.S. Ambassador to KSA, delegation from the KSA's MOI.

Media Interest: None

Program Contact: Carissa Vandermey, 202-586-0460

OE Holds Combined ESF-12 Initial and Refresher Training Class at DOE. On April 21, OE held its second ESF-12 Initial Training Class of 2009 to train an additional group of 17 new volunteers as ESF-12 responders. Deputy Assistant Secretary Bryan welcomed the trainees to the class which was held in Washington, DC, at DOE Headquarters. In addition to supplying the foundation training for the ESF-12 program, the course also focused on providing specialized training for personnel supporting DOE's new Energy Response Center (ERC) during energy emergencies. On April 22-23, 21 returning ESF-12 responders from throughout DOE attended ESF-12 Refresher Training, joining the new volunteers for the final two days of the class. The first day of the refresher training included a review of last year's energy emergency responder training and incorporated valuable lessons learned from DOE's response to the 2008 hurricane season. To provide participants with a more realistic training experience, the final day of the session was dedicated to conducting a full-scale simulated response exercise based upon 2008's hurricanes Gustav and Ike.

Media Interest: None

Program Contact: Matt Rosenbaum, 202-586-1060 or John McIlvain, 202-586-9267

OE Staff Participate in Reform Institute's Energy Symposium. On April 21, Alice Lippert, Senior Technical Advisor, Office of Electricity Delivery and Energy Reliability (OE), participated on an Energy Symposium panel hosted by the Reform Institute. The one-day event, entitled "Encouraging Innovation and Producing Solutions," featured sessions on foreign sources of energy, energy efficiencies, and innovative solutions. Ms. Lippert participated in a session entitled "Modernizing our Nation's Infrastructure and Problem Solving Through Innovation." Officials from companies/organizations such as Google, Verizon, Lockheed Martin, Nissan, Chubb Insurance, and Gridpoint were represented. The panel was moderated by Susan McGinnis, CleanSkies TV.

Media Interest: High

Program Contact: Alice Lippert, 202-586-9600

Southern Company Services Leads an Effort to Develop the Integrated Distributed Management (IDM) System. The project integrates a user interface with all functions associated with operating a modern electric distribution grid including a geographic situational-awareness map, control solutions, and power flow calculations. The system also interfaces with associated Supervisory Control and Data Acquisition systems.

Attesting to the significance of the project, Southern Company directly serves an area covering a large portion of 4 states with 4-million retail customers and 75 investor-owned utilities, electric cooperatives, and municipalities. On April 28, in Birmingham, AL, Stephen Waslo, project manager, will attend a demonstration of system developments to date. The meeting will stress security of the electronic communication systems.

Media Interest: None

Program Contact: Eric Lightner, 586-8130, Stephen Waslo, 630-252-2143

III. Upcoming Events or Matters of Secretarial Interest (14-day advance)

Nothing to Report

IV. Progress on EPACT Deliverables

Nothing to Report

V. Press Inquiries

Nothing to Report

VI. FOIA Requests

Nothing to Report

VII. Grants, Economic Announcements and Publications

Nothing to Report

**OFFICE OF POLICY AND INTERNATIONAL AFFAIRS
WEEKLY REPORT**

April 24, 2009

- I. Schedule**
Nothing to report in this area.

- II. Key Departmental News**
Nothing to report in this area.
- III. Upcoming Events or Matters of Secretarial Interest (7-day advance)**
Nothing to report in this area.
- IV. Progress on EPACT Deliverables**
Nothing to report in this area.
- V. Press Inquiries**
Nothing to report in this area.

- VI. FOIA Requests**
Nothing to report in this area.
- VII. Grants, Economic Announcements and Publications**
Nothing to report in this area.

**OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
WEEKLY REPORT**

April 24, 2009

I. Schedule

The Acting Director of the Office of Civilian Radioactive Waste Management, Christopher Kouts has no travel or leave planned for the week of April 27, 2009.

II. Key Departmental News

Florida Power and Light Group Litigation Settlement: On March 31, 2009, the Government reached a settlement with the Florida Power and Light (FPL) Group for litigation related to the Department's delay in beginning the acceptance of spent nuclear fuel in accordance with the provisions of Standard Contract for Disposal of Spent Nuclear Fuel and/or High-Level Radioactive Waste. The settlement agreement covers all of FPL Group's eight commercial nuclear reactors and will result in an initial payment of \$124,259,929 to cover damages through December 31, 2007. Annual claims will be submitted for additional damages in accordance with the terms of the settlement agreement. The Government has existing settlements with Exelon Corporation, South Carolina Electric & Gas, Omaha Public Power District, Duke Power, and an agreement in principle with the Tennessee Valley Authority. These settlement agreements cover 43 of the 118 nuclear power reactors covered by a Standard Contract for Disposal of Spent Nuclear Fuel and/or High-Level Radioactive Waste. Under the terms of these settlements, \$535,984,199 in payments has been approved to date. An additional \$50,129,756 in claims is currently under review.

Media Interest: None

Program Contact: Dave Zabransky, 202-586-9198

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report

IV. Progress on EPACT Deliverables

Nothing to report

V. Press Inquiries

Nothing to report

VI. FOIA Requests

Nothing to report

VII. Grants, Economic Announcements, and Publications

Nothing to report

**OFFICE OF SCIENCE
WEEKLY REPORT**

April 24, 2009

I. Schedule

Dr. Patricia M. Dehmer, Acting Director, Office Science, has no travel or leave plans for the upcoming week.

II. Departmental News

Linac Coherent Light Source at SLAC National Accelerator Laboratory Achieves “First Light”: The world’s brightest X-ray source sprang to life last week at the U.S. Department of Energy’s SLAC National Accelerator Laboratory. The Linac Coherent Light Source (LCLS) offers researchers the first-ever glimpse of high-energy or “hard” X-ray laser light produced in a laboratory. When fine tuning is complete, the LCLS will provide the world’s brightest, shortest pulses of laser X-rays for scientific study. It will give scientists an unprecedented tool for studying and understanding the arrangement of atoms in materials such as metals, semiconductors, ceramics, polymers, catalysts, plastics, and biological molecules, with wide-ranging impact on advanced energy research and other fields. The LCLS project is a DOE Office of Science-funded collaboration among several DOE National Laboratories, including SLAC National Accelerator Laboratory and Argonne, Lawrence Berkeley, and Lawrence Livermore National Laboratories; and Cornell University and the University of California, Los Angeles. Pacific Northwest National Laboratory provided additional project management which helped make this project successful. (For more information, please see the April 21 SLAC news release, at <http://home.slac.stanford.edu/pressreleases/2009/20090421.htm>.)

Media Interest: Yes (trade publications).

Program Contacts: Dr. Harriet Kung, SC-22, 301-903-0497; Paul Golan, SSO-1, 650-926-3208

Acting Office of Science Director Dehmer Addresses University-Federal Dialogue on Environmental and Energy Research and Education: Acting Office of Science Director and Deputy Director of Science Programs Patricia Dehmer spoke on April 20, in Washington, DC at the 5th annual University-Federal Dialogue on Environmental and Energy Research and Education, convened by the National Council for Science and the Environment (NCSE) on behalf of its Council of Environmental Deans and Directors (CEDD) and the Council of Energy Research and Education Leaders (CEREL). The meeting was an opportunity for environmental and energy leaders of the Obama administration to engage in dialogue with the leaders of academic environmental and energy research programs. Dr. Dehmer discussed “Environmental and Energy Research

in DOE's Office of Science." (Dr. Dehmer presentation to the University-Federal Dialogue in available at http://www.science.doe.gov/SC-2/Deputy_Director-speeches-presentations.htm.)

Media Interest: No.

Program Contact: Dr. Julie Carruthers, SC-2, 202-586-1308

Reducing Current Carbon Emissions Has Big Benefits for Climate: In a paper being published this week in *Geophysical Research Letters*, Dr. Warren Washington and colleagues at the National Center for Atmospheric Research (NCAR) report that current patterns of global warming can still be greatly diminished if nations cut emissions of heat-trapping greenhouse gases by 70% this century. Their analysis is based on assumptions about carbon emissions from the U.S. Climate Change Science Program Synthesis and Assessment Report #2.1. This report cites 450 parts per million (ppm) carbon dioxide as an attainable target if the world quickly adapts conservation practices and new green technologies to cut emissions dramatically. Left unchecked, emissions are currently on track to reach about 750 ppm by 2100. The team's results showed that if atmospheric CO₂ were held to 450 ppm, global temperatures would only increase by 0.6°C by the end of the century. In contrast, the study showed that temperatures would rise by almost four times that amount, or 2.2°C, if emissions are allowed to continue on their present course. The more modest increase would partially avoid some of the most dangerous impacts of climate change, massive losses of Arctic sea ice and permafrost and significant sea level rise, in addition to lesser impacts on Arctic fisheries and mammals, and less global and regional changes of surface temperature and precipitation. Such reductions in emissions would stabilize atmospheric CO₂ (and the climate system) by 2100 whereas the non-mitigation scenario would not result in stabilization in the present century. (Reference: Washington, W. M., R. Knutti, G. A. Meehl, H. Teng, C. Tebaldi, D. Lawrence, L. Buja, and W. G. Strand (2009), How much climate change can be avoided by mitigation?, *Geophys. Res. Lett.*, doi:10.1029/2008GL037074, in press.)

Media Interest: Yes.

Program Contact: Dr. Anjuli Bamzai, SC-23.1, (301) 903-0294

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

Questions from a reporter with *Superconductor Week* about the Basic Energy Sciences Advisory Committee report, *New Science for a Secure and Sustainable Energy Future*, and the Energy Frontier Research Centers were addressed in writing.

VI. Grants, Economic Announcements, and Publications

**SOUTHEASTERN POWER ADMINISTRATION
WEEKLY REPORT**

April 24, 2009

I. Schedule - Kenneth E. Legg, Administrator

The Administrator will attend the Southeastern Federal Power Customer (SeFPC) Meeting on April 28 in Atlanta, GA. He will also be attending a Retirement Dinner and Change-of-Command Ceremony on April 30 and May 1. The Administrator will be on annual leave the week of May 4.

Acting Administrator (April – June): Lee Rampey, 706-213-3807

II. Departmental News

Southeastern Federal Power Customers, Inc. (SeFPC) Quarterly Meeting: The Administrator and other Southeastern staff will attend the SeFPC meeting on April 28, in Atlanta, GA. This quarterly customer meeting provides an opportunity for Southeastern and its customers to discuss operational and industry issues of mutual interest and concern.

Media Interest: No

Program Contact: Joel Seymour, 706-213-3810

South Atlantic Division Change of Command: The Administrator will attend a Retirement Dinner honoring Brigadier General Joseph Schroedel from the U.S. Army Corps of Engineers South Atlantic Division on April 30 in Fort Gillem, GA, and a Change of Command Ceremony for the incoming Commander, Brigadier General Todd T. Semonite, on May 1 in Fort McPherson, GA.

Media Interest: No

Program Contact: Kenneth Legg, 706-213-3805

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

**SOUTHWESTERN POWER ADMINISTRATION
WEEKLY REPORT**

April 23, 2009

I. Schedule

Jon Worthington, Administrator

II. Key Departmental News

Southwest Power Pool Regional Entity (SPP RE) Meeting will be held April 30 in Oklahoma City, Oklahoma. The purpose of this meeting is to discuss ongoing North American Electric Reliability Corporation (NERC) and SPP RE initiatives regarding the NERC mandatory reliability standards program.

Media Interest: None

Program Contact: Tracey Stewart, 918-595-6677

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

**WESTERN AREA POWER ADMINISTRATION
WEEKLY REPORT**

April 24, 2009

I. Schedule

Schedule for Administrator - Timothy J. Meeks

May 6-7 Missouri River Energy Annual Meeting, Sioux Falls, SD

May 8-13 Annual Leave

May 14-15 CREDA Meeting, Tri-State, Denver, CO

(Acting: Tony Montoya)

II. Departmental News

Western, Treasury Finalize Agreement to Implement Borrowing Authority. Just less than 2 months after the President signed the American Recovery and Reinvestment Act, Western announced on April 21, that up to \$3.25 billion in funding is now readily available for transmission projects that will move renewable energy across the grid in the West. Western and the Secretary of the Treasury now have a borrowing agreement in place that provides Western with immediate access to funds with a wide range of loan periods.

Media Interest: Trade media

Program Contact: Jack Dodd, 202-586-5581

Western Facilitates Wind Power Economic Development Webinar. Western staff facilitated a webinar entitled: Green Jobs and Economic Development from Wind Power on April 15, 2009. Approximately 55 utility representatives and interested parties participated in the webinar, where they learned how to use the Job and Economic Development Impact (JEDI) model, developed by the National Renewable Energy Laboratory, to demonstrate the state and local economic development impacts of building wind power plants in the United States. The JEDI model compares local economic impacts for wind, coal or natural gas power plants. Webinar sponsors included the American Public Power Association, National Rural Electric Cooperative Association, American Wind Energy Association, National Wind Coordinating Collaborative, and the U.S. DOE Wind Technologies Program.

Media Interest: Trade media

Program Contact: Jack Dodd, 202-586-5581

Western to Request Rehearing of California Market Tariff Complaint. In FERC Docket E109-38-000, *Complaint Requesting Fast Track Processing Against the California Independent System operator Corporation*, Western will file a request for rehearing by April 30, 2009. Western will seek rehearing on the Commission's finding that Western did not raise concerns with the potential inconsistencies between the California Independent System Operator Corporation's Market Redesign and Technology Upgrade Tariff and Western's obligations under federal law. Western argues the

Commission erred because Western worked with stakeholders to develop language found in the tariff that specifically exempts Western from complying with MRTU tariff provisions that violate federal laws or that would force Western to exceed its statutory authority. Western provided an analysis of this provision in its filing in the MRTU Tariff proceeding.

Media Interest: Trade media

Program Contact: Jack Dodd, 202-586-5581

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

This week, Western staff responded to local media inquiries on the Transmission Agency of Northern California Transmission and the South Dakota Prairie Winds Project. Project and to trade media inquiries on the response to Western's Request for Interest in potential transmission projects for renewable energy that could be funded under the Recovery Act borrowing authority and on Western's recently signed agreement with Treasury to make funds available under the borrowing authority.

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

DOE WEEKLY REPORT TO THE SECRETARY

May 1, 2009

The following program office did not submit a Weekly Report for this time period:

Office of Nuclear Energy

BONNEVILLE POWER ADMINISTRATION WEEKLY REPORT

May 1, 2009

I. Schedule

May 8: Bonneville Power Administration (BPA) Administrator Steve Wright will join other Federal, state, and tribal parties to the 2008 Columbia Basin Fish Accords for an anniversary commemoration event. The celebration will be held near Dallesport, Washington, the site of the original signings of the Accords. The regional executives of the U.S. Army Corps of Engineers and the Bureau of Reclamation will join the Administrator on the program. The Chairs of the tribal councils of the tribes who are signatories to the Accords will participate as will representatives of the states who are parties.

May 14: The Administrator will join a panel discussion at a legal seminar on "Fisheries and Hatcheries: Legal and Regulatory Frameworks" in Seattle, Washington. Chief Operating Officer Anita Decker will be acting.

May 19: The Administrator will speak to the Annual Meeting of the Northwest Public Power Association in Boise, Idaho. Acting Deputy Administrator Allen Burns will be acting.

II. Departmental News

Acting Deputy Administrator Named: Allen Burns, currently BPA's Vice President for Bulk Marketing, has been named Acting Deputy Administrator, effective May 4. Burns has 34 years of experience with BPA. Current BPA Deputy Administrator Steve Hickok will retire on May 1. Mr. Hickok will have completed 38 years of Federal service.

Media Interest: Low

Contact: Sonya Baskerville 202-586-5640

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report.

IV. Progress on EPACT Deliverables

Nothing to report.

V. Press Inquiries

BPA Announces Local Contract for Supply of New Transmission Line: BPA is announcing a contract with an aluminum supplier in Roseburg, Oregon, for its McNary-John Day transmission line. The new transmission line will add significant capacity for at least 700 megawatts of wind-generated electricity. The \$9.5 million contract is for aluminum conductors for the line.

Transmission Succession Planning: BPA responded to questions from a reporter for National Public Radio for a story about how the electric utility industry is preparing for a retiring workforce in the transmission trades. The story was expected to air on "All Things Considered" on April 30.

VI. FOIA Requests

Nothing to report.

VII. Grants, Economic Announcements, and Publications

Nothing to report.

**OFFICE OF THE CHIEF FINANCIAL OFFICER
WEEKLY REPORT**

May 1, 2009

I. Schedule

Steve Isakowitz has no leave or travel planned for the week of May 4, 2009.

II. Departmental News

iManage Data Warehouse (IDW)/iPortal - Recovery Act Support: The CFO has created a chart for the public DOE Recovery site that shows DOE's progress awarding and spending Recovery Act dollars. CFO has updated the Recovery Page on the iManage iPortal to include a link to several financial management reports to assist with the tracking of Recovery Act funds. Some of the key reports include: 1) State and City level report that shows state by state where the money is being spent, 2) Program level report that allows users to drill down to daily progress information from transaction systems, and 3) web version of DOE's Recovery Act Status of Implementation report. This weekend the framework will be initiated to allow Recovery managers and users to receive and subscribe to automated emails that provide up-to-date Recovery Act status reports on desktop and mobile devices.

Media Interest: No

Program Contacts: Lajos Grof-Tisza, (301) 903-1798

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcement, and Publications

**OFFICE OF CONGRESSIONAL AND INTERGOVERNMENTAL AFFAIRS
WEEKLY REPORT**

May 1, 2009

I. Schedule

Nothing to report.

II. Departmental News

DOE Nomination Hearing:

On May 5, the Senate Energy and Natural Resources Committee will consider the nominations of Daniel B. Poneman to be Deputy Secretary of Energy and David B. Sandalow to be an Assistant Secretary of Energy for Policy and International Affairs.

Media Interest: Yes

Program Contact: Betty Nolan, 202-586-7328

Congressional Hearings:

On May 6, Scott Klara, NETL will testify before the Senate Appropriations Subcommittee on Energy and Water Development regarding the range of innovative, non-geologic applications for the beneficial reuse of carbon dioxide from coal and other fossil fuel facilities.

Media Interest: Yes

Program Contact: Robert Tuttle, 202-586-4298

On May 7, Patricia Hoffman, Acting OE-1 will testify before the Senate Energy and Natural Resources Committee regarding cyber-security and electricity infrastructure.

Media Interest: Yes

Program Contact: Robert Tuttle, 202-586-4298

Congressional Meetings and Briefings:

On May 4, Imre Gyuk and Hank Kenchington, OE and CI staff will meet with Senator Energy and Natural Resources Committee staff Alicia Jackson and Jonathan Epstein to discuss energy storage R&D activities.

Media Interest: No

Program Contact: Robert Tuttle, 202-586-4298

On May 8, Deputy Assistant Secretary Frank Marcinowski, EM, Deputy Assistant Secretary Merle Sykes, EM, and CI staff will brief House Armed Services Committee staff Eryn Robinson and Kari Bingen regarding the FY 2010 Environmental Management budget request.

Media Interest: No

Program Contact: Steve Lerner, 202-586-5470

On May 8, Pat Davis, EE and CI staff will brief Senator Bill Nelson's (D-FL) staff, Susie Perez Quinn, regarding DOE's Freedom Car and Fuel partnership.

Media Interest: No

Program Contact: Martha Oliver, 202-586-2229

Congressional Nuclear Cleanup Caucus Briefings:

William Murphie, Manager, Portsmouth-Paducah Project Office, OH-KY; Paul Kretiz, UDS; Bill Franz, Parallax; Dan McDonald, Paducah Remediation Services; and Wray Jordan, USEC will provide a site status and outlook briefing to the Congressional Nuclear Cleanup Caucus on May 7, 2009. This is the second of seven Caucus briefings on EM sites, which are scheduled to run through June.

Media Interest: Yes

Program Contact: Steve Lerner, 202-586-5470

Congressional Markups, Floor Actions, and Conference Committees:

On May 5, the Senate Energy and Natural Resources Committee plans to mark up the buildings energy efficiency legislation and possibly Clean Energy Bank proposals.

Media Interest: Yes

Program Contact: Martha Oliver, 202-586-2229

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report.

IV. Progress on EPACT Deliverables

Nothing to report.

V. Press Inquiries

Nothing to report.

VI. FOIA Requests

Nothing to report.

VII. Grants, Economic Announcements and Publications

Nothing to report.

**OFFICE OF ECONOMIC IMPACT AND DIVERSITY
WEEKLY REPORT**

May 1, 2009

I. Schedule

The Acting Director of the Office of Economic Impact and Diversity, Annie Whatley will be in the office the week of May 4, 2009.

II. Key Departmental News

Nothing to report

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report

IV. Progress on EPACT Deliverables

Nothing to report

V. Press Inquiries

Nothing to report

VI. FOIA Requests

Nothing to report

VII. Grants, Economic Announcements and Publications

Nothing to report

**OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
WEEKLY REPORT**

May 1, 2009

I. Schedule for Principal Deputy Assistant Secretary Steven Chalk

Steve Chalk has no travel scheduled during this reporting period.

II. Departmental News

Secretary Chu Announces \$93 Million from Recovery Act to Support Wind Energy Projects, April 29. DOE announced plans to provide \$93 million from the American Recovery and Reinvestment Act to support further development of wind energy in the United States during a visit to the National Renewable Energy Laboratory (NREL) on April 29. DOE also announced more than \$100 million in funding from the Recovery Act for NREL facility and infrastructure improvements. The funding will leverage the Department of Energy's National Laboratories, universities, and the private sector to help improve reliability and overcome key technical challenges for the wind industry.

Media Interest: Trade press

Program Contact: Megan McCluer, 202-586-7736

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Wind Power Expo, Chicago, IL, May 4 - 7. EERE staff will attend the Wind Power Expo in Chicago, IL on May 4-7. The event is hosted by the American Wind Energy Association (AWEA), the trade group for the American wind industry. AWEA, wind energy entrepreneurs, turbine manufacturers, wind energy stakeholders, and the Wind and Hydropower Technologies Program Staff will attend.

Media Interest: Trade press

Program Contact: Jesse Johnson, 202-586-4422

IPHE Steering Committee Meeting, Ayers Rock, Australia, May 5 - 8. EERE staff will represent the U.S. at the 11th Steering Committee meeting of the International Partnership for the Hydrogen Economy (IPHE). IPHE is an international partnership among 16 countries and the European Commission that coordinates research and development of interest to DOE in fuel cell technologies. The main topic of discussion will be IPHE's "State of the Nation" document that summarizes technology developments in IPHE countries. Program staff will provide an overview of the American Recovery and Reinvestment Act of 2009 and update the participants on plans for the U.S.-hosted joint IPHE Steering Committee and Implementation – Liaison Committee meeting to be held in Washington, DC on October 13 – 15.

Media Interest: None

Program Contact: Michael Mills, 202-586-6653

IV. Progress on EPACT Deliverables

Nothing to report that rises to Secretarial attention.

V. Press Inquiries

Nothing to report that rises to Secretarial attention.

VI. FOIA Requests

Date received: April 13

Requester: Joan Ogbazghi

Subject: Requests a sample of a successful grant proposal submitted by an Indian tribe under the Energy Efficiency and Conservation Block Grant Program.

Date received: April 13

Requester: Joan Ogbazghi

Subject: Requests documentation regarding the Iowa Stored Energy Park located in Dallas Center, Iowa.

Date received: April 14

Requester: Sheila Jeter

Subject: ~~Requests documents relating to meetings of Husayn Shahrstani with U.S. Officials and oil company representatives on July 26, 2006.~~

VII. Grants, Economic Announcements and Publications

Nothing to report during this reporting period.

**ENERGY INFORMATION ADMINISTRATION
WEEKLY REPORT**

May 1, 2009

I. Schedule

Nothing to report

II. Departmental News

EIA Report on the Impacts of a 25-Percent Renewable Electricity Standard: As requested by Chairman Markey, the Energy Information Administration analyzed the impacts of a 25-percent Federal renewable electricity standard (RES). The key findings are that biomass and wind power would be the key compliances technologies and electricity prices would be somewhat higher between 2020 and 2030, with a peak projected impact on the average national electricity price of 2.7 to 2.9 percent occurring in 2025.

Media Interest: Some

Program Contact: J. Alan Beamon, EI-82, 586-2025

III. ~~Upcoming Events or Matters of Secretarial Interest (7-day advance)~~

Nothing to report

IV. Progress on EPACT Deliverables

Nothing to report

V. Press Inquiries

Nothing to report

VI. FOIA Requests

Nothing to report

VII. Grants, Economic Announcements, and Publications

EIA Releases April 2009 Monthly Energy Review (MER): The April 2009 MER, EIA's primary report of recent energy statistics, is now on the Web at <http://www.eia.doe.gov/mer>. In the first quarter of 2009, the average number of rotary rigs drilling in the United States-primarily for crude oil and natural gas-stood at 1,344, 24 percent less than the average in the first quarter of 2008 and 22 percent less than the average in the first quarter of 2007.

Media Interest: None

Program Contact: Ryan Repice, EI-64, 586-5828

ENVIRONMENTAL MANAGEMENT WEEKLY REPORT

May 1, 2009

I. Schedule

Acting Assistant Secretary, Inés Triay will be in the office May 4-8, 2009.

II. Key Departmental News

Office of Environmental Management (EM) Allocates Significant Amount of Recovery Act Funds to Field Offices: Over \$5 billion of EM's \$6 billion Recovery Act funds have been allocated to the sites. Over \$2 billion has been obligated to contracts. Numerous job fairs, interviews, job offers and job acceptances are taking place throughout the EM complex.

Media Interest: High

Program Contact: Cynthia Anderson, 202-586-2083

Hanford Completes Testing of Aspigel for Use in Glovebox and Hood

Decontamination: Aspigel testing was successfully completed at the Lucas EMS Subcontractor, Intermech Inc.'s facility in Richland, Washington. The purpose of the test was to demonstrate and verify that the equipment necessary for the application of Aspigel operates effectively in an environment similar to which it will be used. The test was also used to demonstrate the process by which the Aspigel is applied and removed on steel surfaces contaminated with plutonium, such as gloveboxes. Aspigel will be used by Hanford's Plutonium Finishing Plant project as a decontamination agent during the clean-up of the plutonium-contaminated gloveboxes and hoods. Aspigel is a promising decontamination agent that will reduce worker radiation exposure and reduce the amount of transuranic waste that is generated during deactivation and decontamination of the Plutonium Finishing Plant. This agent will make deactivation and decontamination safer for the worker and reduce deactivation and decontamination cost.

Media Interest: None

Program Contact: Rudy Ollero, (509) 376-0663

106th Quarterly Meeting between the DOE and State of New Mexico: New Mexico State agency representatives from the Environment Department, Energy Minerals and Natural Resources Department, and the Department of Public Safety met with DOE and contractor staff April 23, in Carlsbad for the 106th quarterly meeting. Progress and plans for WIPP were discussed. The major news from the meeting was the 121 LANL sludge drum compliance issue was considered to be "off the table" by the Environment Department.

Media Interest: Low

CBFO Contact: Jody Plum, 575-234-7462

Waste Isolation Pilot Plant (WIPP) Weekly Shipment Accomplishments: During the shipment week of April 19-25, 20 shipments (with 20 planned) were received at the WIPP near Carlsbad, New Mexico. These transuranic (TRU) waste shipment accomplishments contribute to the overall EM mission of cleanup of TRU waste across the DOE complex.

Media Interest: Medium

Program Contact: Mary Bisesi, 301-903-7416

U.S. Environmental Protection Agency and DOE EM Sign the Energy Technology Engineering Center (ETEC) Interagency Agreement: On Thursday, April 23, Keith Takata of the Environmental Protection Agency and Cynthia Anderson, Deputy Chief Operations Officer for EM, signed an Interagency Agreement providing funding for EPA regulators to conduct a radiological characterization survey for Area 4 of the Santa Susana Field Laboratory that is part of the ETEC site work located in California. Funding for this survey consists of \$38.3 million in Recovery Act funds and \$1.7 million of base program funding.

Media Interest: Low

Program Contact: Mike Moore, 202-586-0712

EM Meeting with Alliance for Nuclear Accountability (ANA): On April 27, at DOE Headquarters, Acting Assistant Secretary Inés Triay and other EM senior managers met with ANA representatives in an effort to maintain open communication with this important group of stakeholders. Topics of discussion were implementation of the American Recovery and Reinvestment Act, openness and transparency of all baselines and milestones, concerns over groundwater monitoring at the Los Alamos National Laboratory, concerns over using Rocky Flats as a success story, and encouraging access to a comprehensive inventory at WIPP. The ANA is a grassroots network of 35 regional and national organizations working near sites in the nuclear weapons complex on health, cleanup and weapons issues. ANA is in Washington, DC for their annual "DC Days" meetings with Administration officials and Congress.

Media Interest: Low

Point of Contact: David Borak, EM-13, 202-586-9928

Meeting with United Kingdom (UK) Research Council and EM: Representatives from EM met with Dr. Stephen Elsby, Senior Manager, Engineering and Physical Sciences, and Dr. Naomi Webber, Senior Policy Advisor, Research Councils UK, British Embassy. The focus of the meeting was to discuss funding opportunities to enable collaboration between the UK and the United States. The Research Councils are the main UK public bodies charged with funding excellent research and supporting the next generation of researchers. Research Councils also stimulate the successful exploitation of new ideas to help the UK to compete effectively in an increasingly competitive global environment. The Research Councils are principally funded through the UK

Government's Science Budget, which is administered by the Department for Innovation, Universities and Skills. A follow-up meeting is tentatively planned for the October 2009 timeframe.

Media Interest: None

Program Contact: Ana M. Han, 202-586-0579

III. Upcoming Events or Matters of Secretarial Interest

IV. Progress on EPACT Deliverables

Nothing to report.

V. Press Inquiries

BBC-Los Angeles Visit Tri-Cities: A three-person crew from the BBC Los Angeles bureau spent from April 23-26, in Richland, Washington shooting video and conducting interviews for a 20-minute documentary on Hanford, Washington. Their focus is expected to be the tourism activity surrounding Hanford and the B Reactor located on the Hanford Site, and the economic development stemming from both tourism and funding associated with the American Recovery and Reinvestment Act of 2009. In addition to touring the B Reactor, the crew took a tour of Rattlesnake Mountain with the Richland Operations Office Manager, Dave Brockman. The BBC expects there to be an online story about Hanford, Washington in two or three weeks, and a 20-minute documentary to air on BBC Europe. They also expect a few radio stories to develop from their interviews and those are expected to air as part of BBC World Service and National Public Radio. Currently there are no plans for the documentary to air in the United States.

Media Interest: International, National, High

Program Contact: Cameron Hardy, 509-376-5365

VI. FOIA Requests

Nothing to report.

VII. Grants, Economic Announcements and Publications

Nothing to report.

**OFFICE OF FOSSIL ENERGY
WEEKLY REPORT**

May 1, 2009

I. Schedule - Acting Assistant Secretary Der

May 4-6 Pittsburgh, PA attending the 2009 National Carbon Sequestration Conference.

May 15 Washington, DC attending the National Coal Council Spring meeting.

May 21 Gaithersburg, MD speaking to the National Institute of Standards and Technology regarding carbon capture and storage.

II. Key Departmental News

First Well Completed in Gulf of Mexico Hydrate Drilling/Logging Expedition.

Participants in the Chevron-led Gulf of Mexico Gas Hydrates Joint Industry Project (JIP) initiated drilling and logging operations at a location in Walker Ridge lease block 313, ~~the first of multiple sites to be evaluated during a planned 23 day expedition aboard the~~ Q4000 drilling vessel operated by Helix Energy Solutions Group, Inc. Exploratory holes are also planned at Green Canyon 955 and East Breaks 992. NETL provided geologic expertise for drill site selection, and staff to serve as science co-chief for the expedition. Log data obtained during initial drilling operations strongly suggest the occurrence of hydrate in a thick sand interval consistent with pre-drill geologic and geophysical characterization of the Walker Ridge target area. Supporting a goal of the DOE-led National Methane Hydrate Research and Development Program, the JIP aims to determine whether gas hydrate accumulations are likely to exist in sufficient quantity and quality ultimately to become a significant energy supply source.

Program Contact: Richard Baker, 304/285-4714

Northern Great Plains Water Consortium Evaluates Water Minimization Technologies.

The Northern Great Plains Water Consortium has identified its first two technologies for evaluation: recovery and reuse of Bakken oil field hydro-fractionation water, and recovery of coal dryer water from the Great River Energy Coal Creek Station in Underwood, ND. The Consortium was formed to assess, develop, and demonstrate technologies and methodologies that minimize water use and reduce the discharges of polluted water from a range of energy technologies, including coal combustion, coal gasification, coal bed methane, and oil and natural gas production. Water management synergies that exist between energy producers and users will also be investigated. Results from this work undertaken as part of the Joint Program for R&D for Fossil Energy-Related Research between NETL and the University of North Dakota Energy &

Environmental Research Center will help predict more accurately the impact of various energy technology applications on critical and limited water resources of the Great Plains.

Program Contact: Ronald W. Breault, 304/285-4486

III. Upcoming Events or Matters of Secretarial Interest (14-day advance)
None

IV. Progress on EPACT Deliverables

Research Partnership to Secure Energy for America (RPSEA) Receives Responses to Ultra-Deepwater Program Solicitations. RPSEA is distributing proposals received under five solicitations that closed April 20 to established industry review teams. Completion of proposal reviews is anticipated for early June. The work is directed under Section 999 of the Energy Policy Act of 2005.

Program Contact: Gary Covatch, 304/285-4589

V. Press Inquiries
None

VI. FOIA Requests
None

VII. Grants, Economic Announcements and Publications
None

**OFFICE OF THE GENERAL COUNSEL
WEEKLY REPORT**

May 1, 2009

I. Schedule

No leave or travel plans.

II. Departmental News

Nothing to Report.

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

**OFFICE OF THE CHIEF HUMAN CAPITAL OFFICER
WEEKLY REPORT**

May 1, 2009

I. Schedule

Rita Franklin, Acting Chief Human Capital Officer will be on leave April 27 – June 1, 2009. Sarah Bonilla, Director of Human Capital Management will be acting and can be reached on (202) 586-1234.

II. Key Departmental News

Nothing to report in this area.

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report in this area.

IV. Progress on EPACT Deliverables

Nothing to report in this area.

V. Press Inquiries

Nothing to report in this area.

VI. FOIA Requests

Nothing to report in this area.

VII. Grants, Economic Announcements and Publications

Nothing to report in this area.

**OFFICE OF HEARINGS AND APPEALS
WEEKLY REPORT**

May 1, 2009

I. Schedule

II. Departmental News

FOIA Presentation by DOJ:

On April 29, 2009, the Office of Hearings and Appeals (OHA) hosted a "brown bag" lunch, featuring Melanie Pustay, Director of the Office of Information Policy, Department of Justice, as its guest speaker. Ms. Pustay briefed the audience about the pro-disclosure nature of the current administration's Freedom of Information Act (FOIA) policy, highlighting President Obama's FOIA policy statement and Attorney General Eric Holder's March 19, 2009, memorandum to the agencies on this matter. In addition to the OHA staff, the briefing was attended by representatives from various DOE elements, including the Office of General Counsel, the Office of Information Resources, the Office of Human Capital Management, the Office of Departmental Personnel Security, and the Office of Civil Rights.

Cases Received:

During the present week, OHA received fourteen new cases: 1) twelve requests from individuals that hearings be conducted under 10 CFR Part 710 to determine their eligibility to hold a DOE security clearance, 2) a request by a firm seeking exception relief from the reporting requirements to file Form EIA-782B, Resellers'/Retailers' Monthly Petroleum Product Sales Report, and 3) one appeal filed under the Freedom of Information Act, 10 CFR 1004.1.

Hearings Conducted:

An OHA Hearing Officer conducted a personnel security hearing (10 CFR Part 710) in Oak Ridge, TN.

Decision Issued:

Personnel Security (10 CFR Part 710)

On May 1, 2009, an OHA Hearing Officer issued a decision in which he concluded that an individual's DOE access authorization should not be restored. A DOE Operations Office suspended the individual's security clearance, citing the individual's December 2007 DUI arrest, his March 2007 citation for disturbing the peace, his failure to report a March 2008 arrest for driving without a valid license, and his statements to DOE regarding his prior drug use, an extramarital affair, and a 1994 domestic violence charge. After conducting a hearing and evaluating the documentary and testimonial evidence, the Hearing Officer found that the individual had failed to mitigate the security concerns at issue. In making his determination, the Hearing Officer found unresolved the serious concern related to the individual's false statements to DOE security personnel. The Hearing Officer noted that the individual first lied to the DOE in 1994 and perpetuated

his lie until 2008, when he was asked to take a polygraph test. Also unresolved were security concerns regarding the individual's lack of judgment and reliability, based upon his conduct during his encounters with law enforcement officials and his failure to report a recent arrest. OHA Case No. TSO-0695 (Steven J. Goering, 287-1541)

Media Interest: No

DOE Contact: Fred Brown, fred.brown@hq.doe.gov, 287-1545

OFFICE OF CIVIL RIGHTS

Title IX Compliance Review: Arizona State University:

The Office of Civil Rights (OCR) completed its onsite visit to the Arizona State University School of Electrical Engineering, as part of its Title IX Compliance Review. Ten employees from OCR, OHA and various field offices participated in the review. The team will now conduct follow-up efforts, and will begin drafting a report of the review.

Contact: Lloyd Buddoo, x6-7351.

Training re: Handling of Medical Documentation:

Staff members of the Office met with the Office of General Counsel to begin formulating a training program for DOE supervisors and managers regarding the appropriate handling of medical documentation provided by employees in conjunction with FMLA requests and requests for medical flexiplace. Follow-up discussions will be scheduled with the Training Office and the Office of Human Capital Management.

Contact: Neil Schuldenfrei, x6-5687.

SES Candidate Development Program:

The Office is consulting with the Office of Human Capital Management in formulating announcements and program requirements for the upcoming SES Candidate Development Program. The program is expected to be announced shortly, with applications being accepted from May 18 to June 22, 2009.

Contact: Neil Schuldenfrei, x6-5687.

Desk Audit Compliance Program Plan:

The Office has drafted a Desk Audit Compliance Program Plan and Procedure guide for conducting desk audits. Utilization of desk audits will allow OCR to conduct more compliance reviews, and in a more cost effective manner. In addition, desk audits will allow the Office to expand the scope of reviews to include recipients of Recovery Act funding. Contact: Sharon P. Wyatt, Attorney Advisor, 6-2256.

Media Interest: No

DOE Contact: Bill Lewis, bill.lewis@hq.doe.gov, 6-6530

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on IPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

**OFFICE OF HEALTH, SAFETY AND SECURITY
WEEKLY REPORT**

May 1, 2009

I. Schedule: Glenn S. Podonsky, Chief Health, Safety and Security Officer

April 28: Provided introductory remarks at Annual Classification Officers Technical Program Review Meeting.

April 30: Traveled to the Pantex Site to participate in Independent Oversight Environment, Safety and Health Inspection closeout activities.

May 6: Provide opening remarks at the Biannual Former Worker Medical Screening Program meeting being hosted by HSS at Forrestal.

May 12: Travel to Nevada to provide keynote address at the DOE Facility Representative Annual workshop.

May 13: Provide testimony before the House Armed Services Committee Subcommittee on Strategic Forces regarding the HSS FY 2010 budget request. The Deputy Chief for Operations and the Director, Office of Resource Management are scheduled to accompany.

Schedule: William A. Eckroade, Deputy Chief for Operations

April 26-29: Travel to LLNL to participate in Independent Oversight Safeguards and Security Inspection validation and closeout activities.

May 12: Participate in the Los Alamos / Lawrence Livermore National Laboratory (LANL/LLNL) Board of Governors Safeguards and Security committee meeting.

II. Departmental News

Influenza Response: This week (April 27), HSS activated the DOE Biological Event Monitoring Team (BEMT), a specialized group of medical, epidemiological, and administrative personnel responsible for facilitating the DOE response to pandemic and other infectious biological events. The BEMT has been meeting on a daily basis to ascertain the potential risks to DOE employees throughout the DOE Complex and has recommended a variety of precautionary measures consistent with the recommendations of the Centers for Disease Control and Prevention (CDC).

Management Impact: The BEMT is maintaining daily communications with the Maryland Department of Health and other public health entities who are available to support the needs of both DOE employees and the general public.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

UChicago Argonne, LLC - Worker Safety and Health Enforcement Action: HSS issued a preliminary notice of violation (PNOV) to UChicago Argonne, LLC, this week (April 30) regarding multiple violations associated with two incidents that occurred in the same building at ANL in March 2008.

Management Impact: This activity supports the Department's commitment to enforce worker safety and health regulations.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Annual Report to Congress on DOE Activities Related to the Defense Nuclear Facilities Safety Board (DNFSB): The Annual Report was provided to the Executive Secretariat for the Secretary's signature last week (April 21).

Management Impact: The report is being prepared per the Atomic Energy Act.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

DOE Headquarters Earth Week Activities: HSS continued DOE's celebration of the 39th anniversary of Earth Day this week (April 27). Exhibits were on display at the Germantown facility highlighting DOE's progress in achieving the environmental sustainability goals identified in DOE Orders 450.1A, *Environmental Protection Program*, and 430.2B, *Departmental Energy, Renewable Energy and Transportation Management*.

Management Impact: On April 28, the HSS Director of the Office of Nuclear Safety, Quality Assurance, and Environment gave a brief presentation and participated in the tree planting ceremony in Germantown.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

44th Annual Classification Officers Technical Program Review Meeting: HSS hosted the annual meeting for DOE/NNSA Federal and Contractor Classification Officers in Germantown this week (April 28-30). Approximately 100 individuals attended.

Management Impact: Field and HQ classification professionals discussed topics of mutual interest.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

World Institute for Nuclear Security (WINS) Unites States / United Kingdom

Workshop on Nuclear Security Best Practices: In conjunction with NNSA, HSS is scheduled to participate in the workshop in West Cumbria, United Kingdom, next week (May 5-8). HSS will provide a joint presentation with NNSA on DOE's performance based approach to safeguards and security programs.

Management Impact: The purpose of the workshop is to provide a forum for security managers, regulators and facility owners from the UK and US to share best practices relating to the implementation of security, the development of security performance indicators and the issues surrounding the publication of security performance data.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Biannual Former Worker Medical Screening Program (FWP) Meeting: HSS is scheduled to host the biannual FWP meeting at DOE Headquarters in Washington, D.C., next week (May 6-7) to discuss program priorities and future plans. Approximately 40 participants from organizations conducting FWP activities on behalf of DOE are expected to attend.

Management Impact: The Chief Health, Safety, and Security Officer will provide opening remarks. Also an internationally recognized expert in occupational health from George Washington University will discuss occupational hazards associated with accelerated clean up activities and implications for screening construction workers.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Other Government Agencies (OGAs) Classification/Declassification Training: A half-day Historical Records Restricted Data Reviewers refresher course is scheduled to be conducted for the Lyndon B. Johnson Presidential Library archivists in Austin, TX, next week (May 7).

Management Impact: This activity supports DOE's responsibility to assist OGAs to identify and prevent the inadvertent release of sensitive nuclear technologies.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Facility Representatives Annual Workshop / DOE Safety System Oversight (SSO) Working Group Meeting:

- HSS is sponsoring the annual workshop in Las Vegas, NV, May 12-14, to allow the Facility Representatives from throughout the DOE complex to share lessons learned and obtain additional information in support of fulfilling their responsibilities. This year's theme is "Facility Representative Success Stories." Approximately 117 personnel are expected to attend.
- Safety System Oversight (SSO) personnel from across the Department will participate in the 2009 SSO Meeting in Las Vegas, NV, in conjunction with the annual Facility Representative Workshop. The theme of the meeting is *Program Implementation and Enhanced Communications*. The objectives of the meeting are for participants to share experiences, methods, and challenges in implementing SSO Programs.

Management Impact: The Chief Health, Safety and Security Officer is scheduled to provide the key note address at the annual workshop May 12.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Independent Oversight Activities:

1. Los Alamos National Laboratory (LANL) Emergency Management Follow-up Inspection: Validation and closeout activities were conducted this week (April 28).
2. Pantex Environment, Safety and Health Inspection: Onsite validation and closeout activities were conducted this week (April 28-30).

3. Lawrence Livermore National Laboratory (LLNL) Safeguards and Security Inspection: Onsite validation and closeout activities were conducted this week (April 30).
4. NNSA-Service Center and National Training Center Cyber Security Inspections: Onsite validation and close out activities were conducted this week (April 30) at both locations.
5. Portsmouth Gaseous Diffusion Plant Material Control and Accountability (MC&A) Special Study: Onsite data collection activities are scheduled to be conducted next week (May 3-8).
6. Bonneville Power Administration Cyber Security Inspection: Onsite data collection activities are scheduled to be conducted next week (May 4-7).
7. Savannah River Site (SRS) Combined Environment, Safety and Health and Emergency Management Inspection: Onsite scoping activities are scheduled to be conducted May 11-15.

Management Impact: These activities support the independent evaluation of the status of the Department's security, cyber security, emergency management, and environment, safety and health (ES&H) programs.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

Defense Nuclear Facilities Safety Board (DNFSB) Schedule:

- April 28: Y-12 briefed the Board on criticality safety.
- April 30: NNSA and EM briefed the Board on the Criticality Safety Program.
- April 30: The Assistant Deputy Administrator for Nuclear Safety and Operations, NNSA, briefed the Board on topics selected by the Board.
- May 11-14: The Board will travel to Lawrence Livermore National Laboratory for a site visit.
- May 12: One Board member will speak at the Annual Facility Representative Workshop.

Management Impact: Information is provided to keep DOE Senior Management aware of DNFSB activities and interests.

Media Interest: None

Program Contact: William A. Eckroade, (202) 586-9275

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

**OFFICE OF THE CHIEF INFORMATION OFFICER
WEEKLY REPORT**

May 1, 2009

- I. Schedule**
Nothing to report

- II. Departmental News**
Nothing to report
- III. Upcoming Events or Matters of Secretarial Interest (7-day advance)**
Nothing to report
- IV. Progress on EPACT Deliverables**
Nothing to report
- V. Press Inquiries**
Nothing to report

- VI. FOIA Requests**
Nothing to report
- VII. Grants, Economic Announcements, and Publications**
Nothing to report

**OFFICE OF LEGACY MANAGEMENT
WEEKLY REPORT**

May 1, 2009

I. Schedule

On May 7, Acting Director, Dave Geiser, will be meeting with members of the New Mexico State Legislature to discuss Department of Energy activities conducted under the Uranium Mill Tailings Radiation Control Act of 1978.

II. Departmental News

Environmental Justice Conference, May 27-29

The Department is hosting the State of Environmental Justice in America Conference on May 27-29, in Washington D.C. Secretary of Labor Hilda Solis has agreed to deliver a keynote address and Congresswoman Donna Christensen will be leading a panel discussion. Representatives from the Department of Energy include: Jeff Allison, Savannah River Site Manager; Gerald Boyd, Oak Ridge Operations Manager; and, Melinda Downing, Environmental Justice Program Manager. The conference will include panels on: Health Disparities, Climate Change, Youth Involvement, and Community Benefits and Economic Development

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report

IV. Progress on EPACT Deliverables

Nothing to report

V. Press Inquiries

Nothing to report

VI. FOIA Requests

Nothing to Report

VII. Grants, Economic Announcements and Publications

Nothing to report

**OFFICE OF MANAGEMENT
WEEKLY REPORT**

May 1, 2009

I. Schedule

II. Departmental News

EVMS Surveillance Review for UC-LBNL, Berkeley, CA: During this week, the Office of Engineering and Construction Management (OECM) performed a surveillance review of the University of California at Lawrence Berkeley National Laboratory (UC-LBNL) Earned Value Management System (EVMS) to ensure continued compliance with the industry standard, ANSI/EIA-748 (current version). UC-LBNL's EVMS was certified as compliant with ANSI/EIA-748 by OECM in January 2006.

Media Interest: None

Program Contact: Jim Fountain, (202) 586-4342

Federal Real Property Council (FRPC) – Inventory Committee: OECM participated in the FRPC Inventory Committee activities. The Committee reviewed proposed changes to the annual, Government-wide, Federal Real Property Report. Improvements recommended by OECM to the sustainability (greening) data element were accepted and an additional data element was added to identify real property assets against which recovery act funds are expended.

Media Interest: None

Program Contact: Peter O'Konski, (202) 586-4502

Project Management Career Development Program (PMCDP): The PMCDP kicked off the Technical Content Advisor (TCA) program to support training class quality assurance. TCAs are Departmental subject matter experts who "own" the technical content of the PMCDP classes and are responsible for keeping the course content up to date and consistent with Departmental policy. The cadre of TCAs crosscut many of the major programs and Headquarters oversight organizations such as the Offices of Management, Chief Financial Officer and Health, Safety and Security.

Media Interest: None

Program Contact: Marylee Baker, (202) 586-8254

Funding Opportunity Announcement (FOA) for the Advanced Research Projects Agency – Energy (ARPA-E): On April 27, 2009, President Obama announced at his meeting at the National Academy of Sciences the formulation of the Advanced Research Projects Agency – Energy. In support of that announcement, the Office of Procurement and Assistance Management released the initial FOA. Concept papers, as part of the pre-application process, are due June 2, 2009. Awards totaling \$150M are expected.

Media Interest: None

Procurement Contact: Bradley Poston, (202) 287-1389

Strategic Integrated Procurement Enterprise System (STRIPES) Implementation:

The Savannah River Operations Office, including its NNSA component, received STRIPES training during the month of April and will be the next contracting office to implement the system. The offices are scheduled to go live on 5/18/2009. This will bring the total number of contracting offices using STRIPES to 12 of the 18 offices. In addition, initial Business Readiness Assessments have been conducted at the next three contracting offices to be implemented; the Office of River Protection, the Richland Operations Office and the Southeastern Power Administration. By the end of fiscal year 2009, 15 of DOE's 18 contracting offices will be using STRIPES.

Media Interest: None

Program Contact: Douglas Baptist, (202) 287-1658

- III. **Upcoming Events or Matters of Secretarial Interest (7-day advance)**
 - IV. **Progress on EPACT Deliverables**
 - V. **Press Inquiries**
 - VI. **FOIA Requests**
 - VII. **Grants, Economic Announcements, and Publications**
-

**NATIONAL NUCLEAR SECURITY ADMINISTRATION
WEEKLY REPORT**

May 1, 2009

I. Schedule

Nothing to report.

II. Departmental News

Event: Tritium Recovery System: Lawrence Livermore National Laboratory is working to install a system to recover tritium from obsolete illumination devices at the Tritium Facility. Tritium will be recovered from items such as phone dials from Atomique Energy Agency Technology in the United Kingdom, exit signs, and military sighting devices. The system is undergoing final testing at this time and should be fully operational by the end of this fiscal year.

Media Interest: None.

POC: Tom Grim, LSO, 925-423-0704.

Event: Joint Actinide Shock Physics Experimental Research - Update: The investigation team (composed of subject matter experts from Los Alamos, Lawrence Livermore, and Sandia National Laboratories and National Security Technologies, LLC) granted approval to begin procuring the required ventilation system parts essential to permit entry into the Secondary Confinement Chamber. At current estimates, it will take four to six weeks to receive the material on site and complete all system modifications. The team's primary concern is worker protection and safety, while ensuring the team obtains a clear understanding of cause for contamination resulting from Shot 86.

Media Interest: None.

POC: Charlotte Carter, NSO, 702-295-3128.

Event: ³He Interagency Working Groups: Representatives from the Departments of Energy (DOE), Homeland Security (DHS), Defense (DoD), and other agencies met to discuss ³He. The isotope ³He is essential for neutron detectors, allowing them to meet specifications beyond the capabilities of any known alternatives. ³He has the potential to become a critical material for national security purposes. It occurs naturally in trace amounts, with the root origin of almost all of the current supply resulting from the beta decay of NNSA-produced tritium. The projected generation of ³He from this source will not keep pace with newly-developing requirements. Interagency working groups are organizing to provide input related to future demand (both government and commercial), supply, neutron detection technologies, and policy. A steering committee, comprised of DoD, DOE, and DHS team members, will coordinate working group activities to ensure existing and future inventories are properly utilized to meet national security and critical commercial needs.

Media Interest: Yes.

POC: Roger Lewis, NA-12, 202-586-6864 and Nanette Founds, NA-122.3, 505-845-4212.

Event: Sandia National Laboratories (SNL) Rapid Design Commercial Off-the-Shelf (COTS) Advanced Design and Production Technologies Project: Under the Readiness Campaign, the Rapid COTS Insertion project team leveraged their counterfeit part expertise when forming the requirements, evaluating proposals, and developing assessment criteria for a new SNL contract with an electronic parts supplier. Effective May 2009, Digi-key will become the new SNL just-in-time supplier of electronic parts. Contract requirements were instrumental to making significant progress to avoid receipt of counterfeit parts, while providing the means to purchase quality electronic parts just-in-time. This contract (in its early stages) is considered for implementation as the consolidated solution to purchasing electronics throughout the Nuclear Security Enterprise at reduced cost and the risk associated with receiving counterfeit parts.

Media Interest: None.

POC: Lew Steinhoff, NA-122.3, 202-586-6303; Saskia King, SNL, 505-845-9553; and David Moore, SNL, 505-844-7095.

Event: Security Police Officer (SPO) Achievement: On April 18, members of the Wackenhut Services, Incorporated-Nevada (WS-NV) SPO team participated in the Citizens Police Academy Alumni North steel shoot competition in North Las Vegas, NV. This was in preparation for the DOE HQ HS-1 SPO Training Competition in Albuquerque, NM. The final results showed WSI-NV taking first, second, and third place in the Master Class; and first, second, and third place in the "A" Class.

Media Interest: None.

POC: Ray Phifer, NSO, 702-295-0915.

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Event: Defense Nuclear Facilities Safety Board (DNFSB) Activity: During the week of May 4, a DNFSB staff member will visit the Nevada Test Site to observe the Device Assembly Facility (DAF) Nuclear Explosive Safety Master Study. The Nevada Site Office Manager offered May 19, as an agreeable date for a DAF Fire Suppression System status briefing to the DNFSB in Washington, D.C.

Media Interest: None.

POC: Eric Amarescu, NSO, 702-295-5218.

Event: Office of Engineering and Construction Management Certification of the Earned Value Management System of Los Alamos National Security, LLC: On March 31, the Los Alamos Site Office (LASO) received "Evidence of Completion" packages on the approved Corrective Action Plan (CAP) from Los Alamos National Security, LLC (LANS). These documents were submitted to the Office of Engineering and Construction Management (OECM). The packages were transmitted to the OECM for evaluation prior to their follow-up review – scheduled in May. The Earned Value Management System (EVMS) follow-up review is scheduled for May 4 – 8 to verify the implementation of all CAPs, and certify that LANS has a compliant EVMS.

Media Interest: None.

POC: Bonita Eichorst, LASO, 505-667-4669.

Event: Community Advisory Board (CAB) Meeting for Nevada Test Site

Programs: On May 6, the CAB will have its full board meeting in Pahrump, NV. Dr. Weiner (Sandia National Laboratories) is on the agenda to brief results of the recent low-level transportation waste risk study.

Media Interest: Possible, local.

POC: Kelly Snyder, NSO, 702-295-2836.

IV. Progress on EPACT Deliverables

V. Press Inquiries

On April 22, Sarah Anderson, *Rad Waste Monitor*, requested information pertaining to the completion of the Transuranic Waste Sub-Project at the Nevada Test Site. She was told the Nevada Site Office anticipates meeting the April 30 completion date.

POC: Kelly Snyder, NSO, 702-295-2836.

Event: NNSA Public Affairs: This week, Public Affairs (PA) issued three press releases. The first release announced the three NNSA sites that were honored with the 2009 Department of Energy EStar Award for exemplary environmental sustainability practices. Secretary Chu announced eight EStar Award winners, including five from NNSA sites. The sites that were honored are the Los Alamos and Sandia National Laboratories, and Y-12 National Security Complex. The other press release highlighted the commissioning of a Megaports Initiative Program which provides radiation detection equipment at the Port of Cartagena in Colombia. The final press release announced the Y-12 National Security Complex winning a White House "Closing the Circle" award for leadership in environmental performance. PA scheduled an interview for Administrator D'Agostino with *National Journal* reporter Elaine Grossman, who is writing a short profile in the upcoming special issue on decision makers. Grossman will also interview the Administrator on nuclear security issues for Global Security Newswire. PA scheduled an interview for Brigadier General Garrett Harencak with Inside the Pentagon reporter Carlo Munoz.

Media Interest: High.

POC: Anna Awosika, NA-3.5, 202-586-7371.

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

**OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY
WEEKLY REPORT**

May 1, 2009

I. Schedule

Patricia A. Hoffman, Acting Assistant Secretary, does not have any travel or leave plans for the week beginning May 4, 2009.

II. Key Departmental News

OE Sponsors Cyber Security Red Team/Blue Team Training for SCADA Systems.

On April 20-24, Idaho National Laboratory (INL) held a hands-on advanced cyber security training course through OE's National SCADA Test Bed (NSTB). Thirty-four asset owners from the electric sector participated in the intensive weeklong course at an INL facility, where they learned how attacks against control systems can be launched, why they work, and security practices and mitigation strategies they can take back to their utility to increase the security posture of their control system networks. Along with training on tools and techniques, participants were split into a red team and blue team for a hands-on attack exercise with the objective of either attacking or defending a control system network, allowing them to practice and develop cyber security skills they can apply immediately.

Media Interest: None

Program Contact: Hank Kenchington, 586-1878

OE Staff Attend ODNI Conference. On April 26-27, Alice Lippert, from the Office of Electricity Delivery and Energy Reliability, attended a conference hosted by the Office of the Director of National Intelligence entitled "Navigating a Changing Landscape." The conference was held to discuss information sharing and collaboration opportunities among federal agencies.

Media Interest: None

Program Contact: Alice Lippert, 586-9600 and Mike Smith, 586-8710

III. Upcoming Events or Matters of Secretarial Interest (14-day advance)

Nothing to Report

IV. Progress on EPACT Deliverables

Nothing to Report

V. Press Inquiries

Nothing to Report

VI. FOIA Requests

Nothing to Report

VII. Grants, Economic Announcements and Publications
Nothing to Report

**OFFICE OF POLICY AND INTERNATIONAL AFFAIRS
WEEKLY REPORT**

May 1, 2009

I. Schedule

Acting Assistant Secretary Jonathan Shrier will be on official travel May 5-7, 2009, attending preparatory meetings in Rome, Italy, for the upcoming G8 Energy Ministers Meeting. Deputy Assistant Secretary Phyllis Yoshida will be Acting during this period.

II. Department News

Secretary Chu's Meeting with Canadian Environment Minister Prentice: Secretary Chu and Canadian Environment Minister Jim Prentice met on April 28, to discuss a path forward on the U.S.-Canada Clean Energy Dialogue, which they co-lead. They discussed: the establishment and composition of three Working Groups in areas identified for enhanced joint cooperation, namely carbon capture and storage (CCS), clean energy R&D, and electricity grid/smart grid; the U.S. list of potential expanded and new joint projects; and deliverables for the Leaders meeting in August. The Canadian Government would like the Government of Alberta to participate in the CCS Working Group because of their expertise and commitment of \$2 billion for demonstration projects, to which the Secretary agreed. They also discussed the issue of private sector co-chairs for the Working Groups, which we noted would be problematic for the U.S. Government, especially since the Working Groups will meet to consider potential projects to pursue. We will review options with the Office of the General Counsel and inform the Canadians. The Secretary presented a U.S. list of potential expanded and new joint projects; we asked for their reactions and project proposals. He stressed that he wants to move forward on projects, and those identified as expansions of existing projects could be moved on fairly quickly.

Contact: Gary Ward, 6-6123; Andrea Lockwood, 6-6082

III. Upcoming Events of Matters of Secretarial Interest (7-day advance)

No noteworthy upcoming events.

IV. Progress on EPACT Deliverables

Nothing to Report.

V. Press Inquiries

Nothing to Report.

VI. FOIA Requests

Nothing to Report.

VII. Grants, Economic Announcements, and Publications
Nothing to Report.

**OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
WEEKLY REPORT**

May 1, 2009

I. Schedule

The Acting Director of the Office of Civilian Radioactive Waste Management, Christopher Kouts has no travel or leave planned for the week of May 4, 2009.

II. Key Departmental News

Draft Supplemental Environmental Impact Statement: In support of the ongoing licensing proceeding before the U.S. Nuclear Regulatory Commission (NRC), the Program has prepared a Draft Supplemental Environmental Impact Statement (DSEIS) to address NRC requests for additional information on the impacts on groundwater, or from surface discharges of groundwater, from a geologic repository for spent nuclear fuel and high-level radioactive waste at Yucca Mountain. The DSEIS is in the final concurrence phase within the Department and is on track to meet the Department's commitment to the NRC to issue the document this spring.

Media Interest: No

Program Contact: Christopher Kouts, 202-586-6850

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

Nothing to report

IV. Progress on EPACT Deliverables

Nothing to report

V. Press Inquiries

Devin Barcelona, *Congressional Quarterly*, and Madeline Hutchinson, *Nature*, requested photos of Yucca Mountain for articles each are publishing.

Media Interest: Yes

Program Contact: Allen Benson, 702-794-1322

VI. FOIA Requests

Nothing to report

VII. Grants, Economic Announcements, and Publications

Nothing to report

**OFFICE OF SCIENCE
WEEKLY REPORT**

May 1, 2009

I. Schedule

Dr. Patricia M. Dehmer, Acting Director, Office Science, will be on official travel May 4.

II. Departmental News

White House Announces 46 DOE Office of Science Energy Frontier Research Centers: On April 29, in conjunction with President Obama's address to the National Academy of Sciences, the White House announced that the U.S. Department of Energy Office of Science will invest \$777 million in Energy Frontier Research Centers (EFRCs) over the next five years. In a major effort to accelerate the scientific breakthroughs needed to build a new 21st-century energy economy, 46 new multi-million-dollar EFRCs will be established at universities, national laboratories, nonprofit organizations, and private firms across the nation. Supported in part by funds made available under President Obama's American Recovery and Reinvestment Act (Recovery Act), the EFRCs will bring together groups of leading scientists to address fundamental issues in fields ranging from solar energy and electricity storage to materials sciences, biofuels, advanced nuclear systems, and carbon capture and sequestration.

The 46 EFRCs, which are to be funded at \$2 million–\$5 million per year each for a planned initial five-year period, were selected from a pool of some 260 applications received in response to a solicitation issued in 2008 by the U.S. Department of Energy Office of Science. Over 110 institutions from 36 states plus the District of Columbia will be participating in the EFRC research. In all, the EFRCs will involve nearly 700 senior investigators and employ, on a full- or part-time basis, over 1,100 postdoctoral associates, graduate students, undergraduate students, and technical staff. Roughly a third of these researchers will be supported by Recovery Act funding. Researchers at the EFRCs will take advantage of new capabilities in nanotechnology, high-intensity light sources, neutron scattering sources, supercomputing, and other advanced instrumentation—much of it developed and supported by the DOE Office of Science—in an effort to lay the scientific groundwork for fundamental advances in solar energy, biofuels, transportation, energy efficiency, electricity storage and transmission, clean coal and carbon capture and sequestration, and nuclear energy. (For more information about the DOE Office of Science EFRCs, please visit <http://www.sc.doe.gov/bes/EFRC.html>.)

Media Interest: Yes.

Program Contact: Dr. Harriet Kung, SC -22, 301-903-0497

Officials Break Ground for the World's Most Advanced Neutrino Experiment: On May 1, U.S. Representatives James Oberstar of Minnesota and Bill Foster of Illinois joined officials from the U.S. Department of Energy (DOE), Fermi National Accelerator Laboratory, and the University of Minnesota to break ground in Ash River, Minnesota for

NOvA, the world's most advanced neutrino experiment. Construction begins this month on a cutting-edge physics laboratory, supported by the American Recovery and Reinvestment Act. The NOvA project will construct the NuMI Off-Axis Electron Neutrino Appearance (NOvA) detector facility, a laboratory of the University of Minnesota's School of Physics and Astronomy, near the Ash River, about 40 miles southeast of International Falls. The lab will house a 15,000-ton particle detector that will investigate the role of subatomic particles called neutrinos in the origin of the universe. The NOvA project involves about 180 scientists and engineers from 28 institutions. When the detector is completed, physicists will explore the mysterious behavior of neutrinos by examining pulses of neutrinos sent straight through the earth from Fermilab in Illinois to the NOvA detector facility in Minnesota. The neutrinos travel the 500 miles in less than three milliseconds.

The DOE Office of Science has provided \$40.1 million in Recovery Act funding for the NOvA construction project. It will provide an additional \$9.9 million in Recovery Act funding to Fermilab, which manages the project, for purchasing key high-tech components for the project from U.S. companies, enabling those firms to retain and hire workers. Construction of the facility, supported under a cooperative agreement for research between the U.S. Department of Energy and the University of Minnesota, is expected to generate 60 to 80 jobs. In addition, the construction will result in procurements for concrete, steel, road-building materials and mechanical and electrical equipment from U.S. firms. (For more information about NOvA, please see <http://www.fnal.gov/nova/>.)

Media Interest: Yes.

Program Contact: Dr. Dennis Kovar, SC-25, 301-903-3624

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

A New York Times reporter interviewed Tom Vanek of the Office of Fusion Energy Sciences about ITER and also was provided answers to follow-up questions in writing.

A Boston Globe reporter was provided with information about EFRCs that will be located at the Massachusetts Institute of Technology and the University of Massachusetts.

A Science reporter interviewed Dr. Harriet Kung, Associate Director of Science for Basic Energy Sciences, about the EFRC awards.

The Office of Science helped the Office of Public Affairs answer a Wall Street Journal reporter's questions about DOE-funded battery research and development work, including information about EFRCs focusing on electrical energy storage research

VI. Grants, Economic Announcements, and Publications

**SOUTHEASTERN POWER ADMINISTRATION
WEEKLY REPORT**

May 1, 2009

I. Schedule

Kenneth E. Legg, Administrator –

The Administrator will be on annual leave May 6-8. The Administrator has no leave planned for the week of May 11.

Acting Administrator (April – June): Lee Rampey, 706-213-3807

II. Departmental News

Wilmington District Water Management Stakeholder Teleconference: Staff from Southeastern's Power Resources Division will be participating in a teleconference hosted by the Wilmington District Corps of Engineers. The watershed stakeholder conference will be held at 10:00 a.m. on Tuesday, May 5. The call provides a forum for discussions relating to the operation of hydroelectric projects in the Roanoke River Basin.

Media Interest: No

Program Contact: Douglas Spencer, 706-213-3855

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

Kerr and Philpott Project Operations: Southeastern Power Administration received a Freedom of Information Act Request on April 23, from David A. Fitzgerald of Schiff Hardin LLP, on behalf of the Southeastern Federal Power Customers, Inc., requesting assistance in providing documents relating to the operation of the Kerr and Philpott projects.

VII. Grants, Economic Announcements, and Publications

**SOUTHWESTERN POWER ADMINISTRATION
WEEKLY REPORT**

April 30, 2009

I. Schedule - Jon Worthington, Administrator

II. Key Departmental News

The **Lake Texoma Advisory Committee** Meeting is scheduled for May 6-7, at the Tanglewood Resort in Pottsboro, Texas. An agenda for the meeting is forthcoming. Each sub-committee has been requested to present their five year plan at the meeting.

Media Interest: None

Program Contact: George Robbins, 918-595-6680

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications

**WESTERN AREA POWER ADMINISTRATION
WEEKLY REPORT**

May 1, 2009

I. Schedule - Schedule for Administrator Timothy J. Meeks

May 6-7	Missouri River Energy Annual Meeting, Sioux Falls, SD
May 8-13	Annual Leave
May 14-15	CREDA Meeting, Tri-State, Denver, CO
May 19	Senior Manager's Face-to-face Meeting, Lakewood, CO
May 20-25	Annual Leave

(Acting: Tony Montoya)

II. Departmental News

Western, Northern California Power Agency Discuss Mutual Issues: On May 6, Western staff will meet with representatives of the Northern California Power Agency. This joint powers authority public power organization represents a number of preference power customers which are located in both the Sacramento Municipal Utility District and the California Independent System Operator's balancing authority areas. Western will update NCPA staff on a number of power marketing issues and provide a status update on Western's recent transition to a new market paradigm (Market Redesign Technology Upgrade) overseen by the CAISO.

Media Interest: Trade media

Program Contact: Jack Dodd, 202-586-5581

Scoping Comment Period Extended for TANC Transmission Project: The Transmission Agency of Northern California and Western propose to build and upgrade about 600 miles of 230- and 500-kilovolt transmission lines in northern California. Western published a notice of intent to prepare an environmental impact statement/environmental impact report for the proposed project in the Federal Register on February 23, 2009 with a scoping comment period ending April 30, 2009. In response to comments received to date, requesting more detailed maps and extension of the comment period, TANC and Western have added a new map feature on their respective websites and have extended the public scoping period to May 31, 2009. A *Federal Register* Notice reflecting the extension is in preparation and is expected to be published in the *Federal Register* within the next several days.

Media Interest: Trade media

Program Contact: Jack Dodd, 202-586-5581

III. Upcoming Events or Matters of Secretarial Interest (7-day advance)

IV. Progress on EPACT Deliverables

V. Press Inquiries

This week, Western staff responded to local media inquiries on the Transmission Agency of Northern California Transmission and the South Dakota Prairie Winds Project.

VI. FOIA Requests

VII. Grants, Economic Announcements, and Publications
