

To: Jim Mehl, ERU Supervisor  
From: Zack Clayton, Rad Coordinator  
Subject: June Monthly Report  
Date: July , 2013

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## Beans

Training: 1  
Drills: 1  
Meetings: 1  
Technical Assistance: 1  
Public Assistance: 1

Web Page Views: There were no web statistics in June due to a web server change.

## Coming Attractions

7/2 Working Group  
7/14 URSB Statutory meeting at Lake County EOC  
7/24 NEPAC  
8/6 Working Group  
8/21 Perry Systems training  
9/3 Working Group  
9/23 Perry HAB Exercise

## Facility updates

### **Davis-Besse Nuclear Power Station**

Davis-Besse Operated at full power for May.

### **Perry Nuclear Power Plant**

Perry operated for June at full power.

On June 16, Perry determined that an unanalyzed condition existed where a fire induced hot short could adversely impact safe shutdown equipment. This could cause secondary fires through other shorting of the electrical system. The plant has posted additional fire watch personnel as a compensatory measure while it develops a long term solution to the issue. See event Number 50213.

## **Beaver Valley Power Station**

### **Beaver Valley Unit I**

Unit I operated at full power for the month.

On Friday June 27 a licensed operator was determined to violate the FENOC fitness for duty criteria. No other information is available. See Event No. 50234.

### **Beaver Valley Unit II**

Unit II operated at full power for the month.

## **DTE**

### **Fermi II**

Fermi II operated in June at full power.

### **Fermi III**

Fermi III continues as a documentation evaluation.

## **Portsmouth Enrichment Plant**

There were no event reports for the sites at Portsmouth for May. But there were ADAMS documents submitted.

## **Activity**

- |       |   |
|-------|---|
| 6/4-6 | RAT Training - Meter use review, dosimeter use review, Fermi exercise observations, OEMA annual training modules, Lake County Field Team overview and function. |
| 6/3   | Working Group - review and update of initiatives, agency updates, and general discussion of the action items from the BV HAB dry run.                           |

6/17 BV HAB Exercise - Evaluated exercise for Beaver Valley and Columbiana County. This was used as a training opportunity for OEPA second shift in dose assessment, Bill Lohner.

## Office Issues

Comments were prepared and coordinated with the Division of Drinking and Ground Waters for the June 4 submission to USEPA on the notice of preliminary rulemaking for 40 CFR 190.

OEPA is investigating acquiring digital meters and tablets that will work with RAD Responder for field data.

## Statistics, NRC Reports, News, and ADAMS References

### Operating Power Levels

June

Date	BV1	BV2	DB	Perry	Fermi2
1	100	100	100	100	91
2	100	100	100	100	100
9	100	100	100	100	100
16	100	100	100	100	100
23	100	100	100	100	100
30	100	100	100	100	100

### Plant Reports

Power Reactor	Event Number: 50213
Facility: PERRY Region: 3 State: OH Unit: [1] [ ] [ ] RX Type: [1] GE-6 NRC Notified By: THOMAS MORSE HQ OPS Officer: JOHN SHOEMAKER	Notification Date: 06/19/2014 Notification Time: 17:06 [ET] Event Date: 06/19/2014 Event Time: 16:28 [EDT] Last Update Date: 06/19/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(ii)(B) - UNANALYZED CONDITION	Person (Organization): NICK VALOS (R3DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
1	N	Y	100	Power Operation	100	Power Operation

### Event Text

**UNANALYZED CONDITION DUE TO A POSTULATED HOT SHORT THAT COULD AFFECT SAFE SHUTDOWN EQUIPMENT**

"A review of industry operating experience regarding the impact of unfused Direct Current (DC) circuits has determined the described condition to be applicable to the Perry Nuclear Power Plant (PNPP) resulting in an unanalyzed condition with respect to fire safe shutdown requirements.

"In the postulated event, a fire induced hot short could adversely impact safe shutdown equipment. The potential exists for a secondary fire to occur due to unfused DC control circuits associated with the Turbine Emergency Bearing Oil Pump, Reactor Feed Pump Turbine 'A' Emergency Lube Oil Pump, Turbine Emergency Seal Oil Pump, and Reactor Feed Pump Turbine 'B' Emergency Lube Oil Pump. These circuits are routed from the respective equipment to other plant areas including the Unit 1 Control Room, Division 1 Cable Spreading, and Division 1 Cable Chase.

"Without overcurrent protection for these circuits, the potential exists that an initial fire event affecting these circuits could cause short circuits without protection that would cause excessive current through the circuit beyond the capacity rating of the conductors. This could lead to a secondary fire in another plant area where these circuits are routed challenging the ability to achieve and maintain safe shutdown.

"This condition is being reported in accordance with 10 CFR 50.72(b)(3)(ii)(B). Interim compensatory measures (i.e., fire watches) have been implemented for affected areas of the plant.

"The licensee has notified the NRC Resident Inspector."

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Power Reactor	Event Number: 50234
Facility: BEAVER VALLEY Region: 1 State: PA Unit: [1] [ ] [ ] RX Type: [1] W-3-LP,[2] W-3-LP NRC Notified By: JIM DAUGHERTY HQ OPS Officer: VINCE KLCO	Notification Date: 06/27/2014 Notification Time: 16:21 [ET] Event Date: 06/27/2014 Event Time: 11:31 [EDT] Last Update Date: 06/27/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 26.719 - FITNESS FOR DUTY	Person (Organization): BRICE BICKETT (R1DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
1	N	Y	100	Power Operation	100	Power Operation

**Event Text**

**INDIVIDUAL VIOLATED FITNESS FOR DUTY POLICY**

"On June 27, 2014, at approximately 1131 hours EDT, it was determined that an individual who is licensed under Part 10 CFR Part 55 to operate a power reactor was in violation of the

FENOC [FirstEnergy Nuclear Operating Company] Fitness for Duty policy.

"This condition is being reported pursuant to 10 CFR 26.719(b)(2)(ii) .

"The NRC Resident Inspector has been notified."

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## News

### **DOE broke law to prop up floundering enrichment company -- GAO**

Hannah Northey, E&E reporter

Published: Monday, June 9, 2014 *This story was updated at 1:35 p.m. EDT.*

The Department of Energy violated laws on fair pricing and national security when it conducted uranium transfers worth millions of dollars to support a struggling uranium enrichment company, the Government Accountability Office said in a report released today.

The GAO [report](#) says DOE failed to follow laws and government procedures when it arranged four uranium transfers in 2012 and 2013 to bolster the U.S. Enrichment Corp., or USEC.

DOE conducted the transactions to support Bethesda, Md.-based USEC, the country's sole supplier of uranium enrichment services. The government has repeatedly argued that USEC, which became a private company over the past two decades, is exempt from certain obligations under international agreements because it's a domestic supplier.

The company, which was plagued with technological and financial setbacks, stopped enrichment activities last May, and DOE in April said it would assume managerial responsibility for continued development of the next-generation technology, according to GAO's report. USEC filed for Chapter 11 bankruptcy in March, blaming waning demand for reactor fuel on the 2011 Japanese tsunami and earthquake that led to reactor closures in Japan and Germany ([Greenwire](#), March 5).

GAO identified a number of "legal concerns" with steps DOE took to keep the company afloat.

In a transaction two years ago, former Energy Secretary Steven Chu pledged \$44 million to support USEC's continued operations at a Ohio facility that failed to receive a \$2 billion federal loan guarantee ([E&ENews PM](#), Jan. 17, 2012). The White House was then under pressure from lawmakers, including House Speaker John Boehner (R-Ohio), to support the project.

The department lacked authority to transfer "tails," or leftover depleted uranium, to a third party for re-enrichment under restrictions imposed by the USEC Privatization Act, the report says.

GAO also raised concerns about DOE's valuing of tails. The agency has no guidance for determining the value of such material -- estimates have ranged from \$0 up to \$300 million -- and cannot ensure that the government is reasonably compensated, a stipulation of the Atomic Energy Act, GAO said.

DOE, according to the report, was "likely prohibited" under the USEC Privatization Act from making a transfer of uranium "tails" in May 2012. The transaction also did not comply with the Atomic Energy Act, the watchdog group said. At that time, DOE said it had reached an agreement with two utilities to continue funding at USEC's gaseous diffusion plant in Paducah, Ky.

The department in a separate transaction in 2012 undercharged USEC by about \$9 million, according to GAO.

In March, DOE did not obtain a presidential determination before transferring low enriched uranium to USEC -- to determine the material wasn't needed for national security as required by the USEC Privatization Act, according to GAO.

DOE has been under pressure from lawmakers on both sides of the aisle to support USEC in Kentucky and Ohio. In one transaction two years ago, former Energy Secretary Steven Chu pledged \$44 million to support USEC's continued operations at a Ohio facility that failed to receive a \$2 billion federal loan guarantee ([E&ENews PM](#), Jan. 17, 2012).

But the department questioned GAO's findings and recommendations for addressing the problem, calling the underlying legal analysis "unfounded" and "erroneous." DOE defended the transactions and its legal standing and authority under the Atomic Energy Act and questioned whether GAO has legal authority to interpret federal laws and gauge an agency's compliance.

But GAO stood its ground.

"Even if DOE had such authority, GAO found that it did not meet the act's requirement to charge a price for the tails because it transferred them without charging any price at all," the watchdog said. "In another transaction, DOE transferred ownership of uranium material that it previously obtained to meet national security needs, without obtaining a presidential determination that the uranium material was no longer necessary for national security needs, as GAO found is required by the USEC Privatization Act."

The report says that DOE provided no "compelling reason" for reaching a different conclusion, and that it is within its statutory duty to assist Congress in carrying out its oversight and appropriations responsibilities, including vetting the success of various programs and activities and ensuring that agencies are complying with the law.

The watchdog's finding were trumpeted by the lawmakers who requested the audit, Sen. Ed Markey (D-Mass.) and Rep. Michael Burgess (R-Texas).

Markey said the report reveals DOE's support of the company, which was privatized in the 1990s, even though it was threatened with delisting by the New York Stock Exchange. "Our government has kept this uranium company on life support, wasting money and flouting the law, even though it was clear that it would end up in bankruptcy," Markey said. "It's time to commit this junk technology to the junk bin."

Burgess accused DOE of turning a "blind eye" to the issue.

"Americans place their trust in the U.S. government to act in their best interest, and DOE has abused that trust by taking hard-earned tax dollars and wasting them on a junk project in a way that was wasteful and, indeed, illegal," Burgess said in a statement. "I commend GAO for its non-partisan and diligent work, and for calling out DOE for acting without authority and for breaking the law."

Twitter: [@HMNorthey](#) | Email: [hnorthey@eenews.net](mailto:hnorthey@eenews.net)

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## Information Notices

Unless otherwise noted, these are ADAMS Accession documents, are publicly available, and will be accessible via the public web site Electronic Reading Room in the Agency Document Access and Management System (ADAMS),

<http://www.nrc.gov/reading-rm/adams.html>

or to access generic communications files on the NRC Homepage:

<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2013/>

To access these documents use the ADAMS Accession number listed with the title.

This is in the format of : ML #####A###

## Part 21 and Miscellaneous

Information Notice 2014-09, Spent Fuel Storage or Transportation System Misloading, dated June 20, 2014

ML14121A469

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Information Notice 2014-08, Need For Continuous Monitoring Of Active Systems In Loaded Spent Fuel Storage Canisters (Including Vacuum Drying Process), dated May 16, 2014

ML14121A089

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## Davis-Besse

Subject: Davis-Besse Nuclear Power Station, Unit 1 - Staff Assessment of the Seismic Walkdown Report Supporting Implementation of Near-Term Task Force Recommendation 2.3 Related to the Fukushima DAI-ICHI Nuclear Power Plant Accident (TAC No. MF0116)

Accession Number: ML14134A517

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DAVIS-BESSE 06/13/14 2014 OPERATOR LICENSE WORKSHOP INVITATION LETTER

ADAMS ACCESSION# ML14169A477;

PACKAGE ML14169A471

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PUBLIC MEETING/OPEN HOUSE TO DISCUSS NRC ACTIVITIES, NUCLEAR POWER ISSUES, AND 2013 END-OF-CYCLE PERFORMANCE ASSESSMENT OF DAVIS-BESSE NUCLEAR POWER STATION

ADAMS Accession Number: ML14177A673

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FOIA/PA-2014-0256 - Resp 2 - Partial, Group D. Part 2 of 2.

ML14171A271

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FOIA 2014-0264 - Billed Inspection Hours Disaggregated by Both Plant and Year FY1994-2014.

ML14177A760

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B&W Owners Group, Reactor Vessel Integrity Program  
ML14169A169

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## **Perry**

Subject: Perry Nuclear Power Plant, Unit 1 - staff Assessment of the Seismic Walkdown Report Supporting Implementation of Near-term Task Force Recommendation 2.3 Related to the Fukushima DAI-ICHI Nuclear Power Plant Accident (TAC NO. MF0159)  
Accession Number: ML14115A234

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PERRY 06/13/14 2014 OPERATOR LICENSE WORKSHOP INVITATION LETTER  
ADAMS ACCESSION# ML14169A571.  
PACKAGES# ML14169A471

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Subject: Perry Nuclear Power Plant, Unit No. 1 - Request for Additional Information Concerning Alternative Accident Source Term Design Bases (TAC No. MF3197)(L-12-306)  
Accession Number: ML14162A409

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FOIA 2014-0264 - Billed Inspection Hours Disaggregated by Both Plant and Year FY1994-2014  
ML14177A760

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## **Beaver Valley**

Beaver Valley Power Station, Units 1 and 2 - Request for Additional Information RE: License Amendment Request to Adopt Technical Specifications Task Force Traveler 425 (TAC Nos. MF2942 and MF2943).

ML14133A069

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Beaver Valley Power Station, Unit 1: Requalification Program Inspection  
ADAMS ACCESSION NO. ML14161A557

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Beaver Valley Power Station, Unit 2 - Summary of Conference Call Regarding The Spring 2014 Steam Generator Inspections (TAC No. MF3862).

ML14142A087

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Notice of Forthcoming Closed Meeting to Discuss Dam Failure Analysis for Beaver Valley Power Station, Units 1 and 2.

ML14161A148

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Beaver Valley Power Station, Units 1 and 2 - Staff Assessment of The Flooding Walkdown Report Supporting Implementation of Near-Term Task Force Recommendation 2.3 Related to The Fukushima Dai-Ichi Nuclear Power Plant Accident (Tac Nos. MF0196 and MF0197)

ML14156A233

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NRC-085

ML14172A232

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NRC-072

ML14172A068

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APP-045

ML14172A250

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FOIA 2014-0264 - Billed Inspection Hours Disaggregated by Both Plant and Year FY1994-2014

ML14177A760

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PNNL-19666, Evaluation on the Feasibility of Using Ultrasonic Testing of Reactor Pressure Vessel Welds for Assessing Flaw Density/Distribution per 10 CFR 50.61a, Alternate Fracture Toughness Requirements for Protection Against Pressurized Thermal Shock.

ML14162A001

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Beaver Valley, Units 1 and 2, 2013 Radioactive Effluent Release Report, and 2013 Annual Radiological Environmental Operating Report, Part 1 of 2.

ML14147A027

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Beaver Valley, Units 1 and 2, ODCM: Index, Matrix and History of ODCM Changes.

ML14147A030

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Beaver Valley, Units 1 and 2, 2013 Radioactive Effluent Release Report, and 2013 Annual Radiological Environmental Operating Report, Part 2 of 2.

ML14147A028

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Beaver Valley, Units 1 and 2, 2013 Annual Environmental Operating Report, Non-Radiological.

ML14147A029

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Beaver Valley, Units 1 and 2 - Discharge Monitoring Report (NPDES) Permit No. PA0025615, for April 2014.

ML14142A362

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## **Portsmouth Facilities**

American Centrifuge Plant - Submittal of Changed Pages of the Emergency Plan.

ML14175A123

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Summary of May 12 2014 USEC Drop-In Visit.

ML14153A306

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Submission of Proposed Cyber Security Plan for the American Centrifuge Operating, LLC.

ML14161A132

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Response to Request for Additional Information Related to the Summary of Changes for Calendar Year 2013 (TAC No. L34278).

ML14155A243

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USEC, Inc., Power Point Presentation: Meeting with U.S. Nuclear Regulatory Commission Staff  
65533; Status Update on American Centrifuge Project.  
ML14153A313  
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## **Fermi 1**

No reports

## **Fermi 2**

ASSESSMENT FOLLOW-UP LETTER FOR FERMI POWER PLANT, UNIT 2  
ADAMS Number: ML14160A985  
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EA-14-022; Final Significance Determination of a Greater than Green Finding and Notice of  
Violation; NRC Inspection Report No. 05000341/2014407; Fermi Power Plant Unit 2  
(Cover Letter Only & Enc 1)  
ADAMS Accession Number ML14150A041  
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Determination of Acceptability and Sufficiency for Docketing, Proposed Review Schedule and  
Opportunity for a Hearing Regarding the Application from DTE Electric Company, for Renewal  
of the Operating License for FERMI 2  
ATTACHMENT 1: ML14150A416; Letter  
ATTACHMENT 2: ML14150A340; Federal Register Notice  
ADAMS Accession No. (PACKAGE) ML14157A168  
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FERMI 06/13/14 2014 OPERATOR LICENSE WORKSHOP INVITATION LETTER  
ADAMS ACCESSION#ML14169A513; PACKAGE#ML14169A471  
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Subject: Fermi 2 - Request for Additional Information Regarding Fukushima Lessons Learned -  
Flooding Hazard Reanalysis Report  
Accession Number: ML14168A565  
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Fermi Nuclear Plant, Unit 2 - Staff Assessment of the Flooding Walkdown Report Supporting  
Implementation on Near-Term Task Force Recommendation 2.3 Related to the Fukushima DAI-  
ICHI Nuclear Power Plant Accident (TAC NO. MF0228)  
Accession Number: ML14143A235  
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Fermi 2 - Project Manager Assignment  
Accession Number: ML14162A424  
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FOIA 2014-0264 - Billed Inspection Hours Disaggregated by Both Plant and Year FY1994-2014.  
ML14177A760  
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## **Fermi 3**

Intervenors Petition for Review of LBP-14-07 (Ruling Applicant on Quality Assurance).  
ML14169A491

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Fermi Unit 3 - Chapter 1.0 "Introduction and Interfaces".

ML14080A144

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Fermi 3, Combined License Application ◆ Advanced Final Safety Evaluation With No Open  
Items For Section 3.9, ◆ Mechanical Systems and Components"

ML14140A161

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