

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

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## Beans

Training: 0  
Drills: 0  
Meetings: 4  
Technical Assistance: 1  
Public Assistance: 1

Web Page Views: There were 47 page views in July .  
There were 40 page views in June.

## Coming Attractions

8/6 Working Group  
8/21 Perry Systems training  
9/3 Working Group  
9/10 Perry Dry Run  
9/23 Perry HAB Exercise  
10/1 Working Group  
10/14 URSB meeting

## Facility updates

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

Davis-Besse Operated at full power for July.

Davis-Besse notified the State on July 3 that they have made a notification to the NRC regarding annunciators which were not available for 13 minutes on 5/21/2014. This notification should have been made on 5/21/2014. There are no injuries, contamination or other dangers associated with this. See Event 50252.

Davis-Besse declared an Unusual Event July 8 due to a fire alarm in containment. This could not be verified within 15 minutes so it was treated as real. When the plant was able to access containment it was confirmed as a false alarm with no evidence of a fire. See Event 50263.

### **Perry Nuclear Power Plant**

Perry operated for July at full power.

On July 14 a load of scrap metal sent offsite triggered radiation alarms at the facility and was returned to Perry. The radiation was below the DOT shipping regulations but the container and load are being evaluated by plant personnel. No Event report is anticipated.

### **Beaver Valley Power Station**

On July 11 a refrigeration unit failed and was spilling coolant (Ethylene Glycol) on the floor of an office building inside the protected area. At 1440 [EDT] the leak was isolated. It is estimated that approximately 10 gallons of Ethylene Glycol was introduced to the floor drains which ultimately lead to the environment. The spill was contained and cleaned up. See Event 50275.

### **Beaver Valley Unit I**

Unit I operated at full power for the month.

### **Beaver Valley Unit II**

Unit II operated at full power for the month.

### **DTE**

### **Fermi II**

Fermi II operated in July at full power.

On July 8 Fermi II discovered a 2500 gallon diesel leak to secondary containment. The cause has not been reported. See Event 50264.

### **Fermi III**

Fermi III continues as a documentation evaluation.

### **Portsmouth Enrichment Plant**

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

## Activity

- 7/9 Working Group Agency and plant updates, KI status and delivery dates, preparation for the URSB meeting.
- 7/9 After Action Review of Beaver Valley exercise hot wash items.
- 7/14 URSB Statutory meeting at Lake County EOC
- 7/30 FRMAC teleconference – update on VR14 exercise
- 7/31 NEPAC – OEMA hosted, observations of the Beaver Valley exercise from the plant and County. Update on the status of the Joint JIC in West Akron. Distribution of KI and an ODH proposal to update the Emergency Worker dosimetry report forms.

## 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

July

Date	BV1	BV2	DB	Perry	Fermi2	
1	100	100	100	98	100	Perry – High Circ Water Temperature
7	100	100	100	100	100	
14	100	100	100	100	100	
21	100	100	100	100	100	
28	100	100	100	100	100	
31	100	100	100	100	100	

## Plant Reports

Power Reactor	Event Number: 50252
Facility: DAVIS BESSE Region: 3 State: OH Unit: [1] [ ] [ ] RX Type: [1] B&W-R-LP NRC Notified By: ERIC HORVATH HQ OPS Officer: HOWIE CROUCH	Notification Date: 07/03/2014 Notification Time: 10:34 [ET] Event Date: 05/21/2014 Event Time: 03:36 [EDT] Last Update Date: 07/03/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(xiii) - LOSS COMM/ASMT/RESPONSE	Person (Organization): AARON MCCRAW (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

#### CONTROL ROOM OVERHEAD ANNUNCIATOR MALFUNCTION

"At 0336 [CDT] on 5/21/14, during activities to isolate the preferred power supply for wiring modification, all control room annunciators cleared and lost power due to a disconnect switch failure associated with the alternate power supply. The normal power supply was restored at 0349 [CDT] to restore the annunciators to functional status. During the brief period of time the annunciators were unavailable, redundant assets as described in existing station documentation and/or the control room alarm typer remained functional along with the station computer alarms and Safety Parameter Display System to provide backup assessment capability.

"This event was previously determined to not be reportable, however, following additional review of the significance this is reportable. The NRC Resident has been notified of the event. The late reporting of this event has been entered into the Corrective Action Program."

The licensee notified the State of Ohio as well as Lucas and Ottawa counties.

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Power Reactor	Event Number: 50263
Facility: DAVIS BESSE Region: 3 State: OH Unit: [1] [ ] [ ] RX Type: [1] B&W-R-LP NRC Notified By: CHARLIE STEENBERGEN HQ OPS Officer: DONALD NORWOOD	Notification Date: 07/08/2014 Notification Time: 10:06 [ET] Event Date: 07/08/2014 Event Time: 09:25 [EDT] Last Update Date: 07/08/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(a) (1) (i) - EMERGENCY DECLARED	Person (Organization): DAVID HILLS (R3DO) DARRELL ROBERTS (R3RA) JENNIFER UHLE (NRR) W. GOTT (IRD)

	HAROLD CHERNOFF (NRR)
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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**

UNUSUAL EVENT DUE TO SMOKE ALARM INSIDE CONTAINMENT

"Unusual Event declared at 0935 EDT on July 8, 2014 due to a single fire alarm in containment. ELA HU4. No abnormal condition or plant impact at this time. The plant remains stable at 100% power."

A single smoke detector inside containment alarmed at 0925 EDT. There are no other indications of smoke or fire at this time. Adjacent smoke detectors are not in alarm. A containment entry team is being assembled to verify that there is no fire inside containment. The smoke detector alarm cleared at 1006 EDT.

The licensee notified the NRC Resident Inspector. The licensee will make appropriate notifications to state and local government agencies.

Notified DHS, FEMA, and NICC via email and phone. Notified FEMA NWC and Nuclear SSA via email.

\* \* \* UPDATE FROM CHARLIE STEENBERGEN TO VINCE KLCO ON 7/8/14 AT 1419 EDT \*  
\* \*

"The Unusual Event was terminated at 1328 EDT on 7/8/14. A containment entry was performed and no indications of a fire existed. The fire alarm was spurious and the detector has been disabled. There was no notification of other government agencies and there is no media /press release planned."

The plant maintained stable operations at 100% power.

The licensee notified the NRC Resident Inspector, the state of Ohio and local officials.

Notified R3DO (Hills) NRR EO (McGinty), IRC MOC (Grant). Notified DHS, FEMA, and NICC via email and phone. Notified FEMA NWC and Nuclear SSA via email.

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Power Reactor	Event Number: 50264
Facility: FERMI Region: 3 State: MI Unit: [2] [ ] [ ] RX Type: [2] GE-4 NRC Notified By: MARK EGHIGIAN HQ OPS Officer: CHARLES TEAL	Notification Date: 07/08/2014 Notification Time: 14:26 [ET] Event Date: 07/08/2014 Event Time: 11:48 [EDT] Last Update Date: 07/08/2014
Emergency Class: NON EMERGENCY 10 CFR Section:	Person (Organization): DAVID HILLS (R3DO)

50.72(b)(2)(xi) - OFFSITE NOTIFICATION

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

**Event Text**

OFFSITE NOTIFICATION DUE TO DIESEL FUEL OIL LEAK

"At 1148 EDT, Fermi-2 Environmental Engineering identified that approximately 2500 gallons of Diesel Fuel Oil was noted to be in a secondary containment collection basin. The Control Room Staff was subsequently notified. Michigan Pollution Control (MPC) has been contacted for cleanup.

"DTE Energy notified Michigan Department of Environmental Quality (MDEQ) of the condition.

"Fermi-2 is making this 4-hour report to the NRC in accordance with 10CFR50.72(b)(2)(xi) and NUREG-1022 (rev 3) Section 3.2.12.

"Investigation regarding the cause is currently in progress. No fuel oil was released to the ground or navigable waters.

"The NRC Resident Inspector has been notified."

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Agreement State	Event Number: 50254
Rep Org: OHIO BUREAU OF RADIATION PROTECTION Licensee: HALLIBURTON ENERGY SERVICES Region: 3 City: DUNCAN State: OH County: License #: 31210990018 Agreement: Y Docket: NRC Notified By: STEPHEN JAMES HQ OPS Officer: CHARLES TEAL	Notification Date: 07/03/2014 Notification Time: 11:44 [ET] Event Date: 06/28/2014 Event Time: [EDT] Last Update Date: 07/03/2014
Emergency Class: NON EMERGENCY 10 CFR Section: AGREEMENT STATE	Person (Organization): AARON MCCRAW (R3DO) FSME EVENT RESOURCE (EMAI)

**Event Text**

AGREEMENT STATE REPORT - FIXED INDUSTRIAL GAUGES DAMAGED DURING FIRE

The following was received from the State of Ohio via email:

"On 6/29/14 at 1330 EDT, ODH [Ohio Department of Health] received a call that there was a fire at an oil well location in Hannibal, Ohio, Monroe County. A hydraulic line on a piece of

drilling equipment failed, spilling hydraulic fluid onto a hot engine, igniting the fluid. The fluid continued to rapidly leak, which caused the fire to spread. When the fire department arrived on scene, the well pad was reported to be fully engulfed in flames. The drilling company has reportedly lost 20 vehicles in the fire. There were three density gauges on site, two (2) of which were mounted on equipment and one was mounted on the well. There were no detections of radiation at that time.

"On 6/30/14 two ODH inspectors were dispatched to the site to verify that the gauges were secure and had not suffered damage from the fire. Upon arrival the ODH inspectors were not allowed to go onto the drilling pad area because it is still being cleared of potentially explosive hazardous chemicals and unexploded ordinance (used in fracking process). The inspectors attended a meeting regarding status of the site and were briefed by representatives from Halliburton (the licensee). The gauges involved were two (2) Model 100-SD, containing 120 mCi of Cs-137 each, and one (1) Model 55-SD containing 66 mCi of Cs-137.

"Halliburton was able to conduct an initial visual inspection and survey of the gauges. They stated that there did not appear to be any significant visible damage and the devices appeared to be intact. They recorded readings of 0.5 mR/hr on contact for the Model 100-SD gauges, and 0.3 mR/hr on contact on for the Model 55-SD gauge. Wipe tests were taken by the licensee to check for leakage and the field survey indicated no contamination. The wipes were sent to a laboratory for further analysis. Licensee personnel will put up warning signs and barriers around the gauges once the site is safe for other than emergency operations. It is expected to be several days before the site is determined to be safe enough for any movement or removal of the devices.

"On 7/2/14 the licensee was granted permission from the site manager to remove the gauges. All three gauges were removed without incident, and appeared to be intact (although scorched on the exterior from the fire). There were no incidents during the removal and no radiation readings recorded above those originally reported. The three gauges were placed in over packs, with proper labels and shipping papers, and were sent to the Halliburton headquarters in Texas for further evaluation."

Ohio Reference Number: ODH 2014-017.

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Power Reactor	Event Number: 50275
Facility: BEAVER VALLEY Region: 1 State: PA Unit: [1] [2] [ ] RX Type: [1] W-3-LP,[2] W-3-LP NRC Notified By: JOHN KAMINSKAS HQ OPS Officer: DONG HWA PARK	Notification Date: 07/11/2014 Notification Time: 18:00 [ET] Event Date: 07/11/2014 Event Time: 15:00 [EDT] Last Update Date: 07/11/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(xi) - OFFSITE NOTIFICATION	Person (Organization): ANNE DeFRANCISCO (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

2	N	Y	100	Power Operation	100	Power Operation
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**Event Text**

OFFSITE NOTIFICATION MADE FOR HAZARDOUS CHEMICAL SPILL

"At 1415 [EDT] the Control Room received a report that a refrigeration unit had failed and was spilling coolant (Ethylene Glycol) on the floor of an office building inside the protected area. At 1440 [EDT] the leak was isolated. It is estimated that approximately 10 gallons of Ethylene Glycol was introduced to the floor drains which ultimately lead to the environment. This is not a Reportable Quantity for the Environmental Protection Agency but the Pennsylvania Department of Environmental Protection was notified in accordance with the Pennsylvania Clean Streams Law at 1500 hours. The spill was contained and cleanup is complete.

"This condition is being reported pursuant to 10 CFR 50.72 (b)(2)(xi).

"The NRC Resident Inspector has been notified."

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Agreement State	Event Number: 50271
Rep Org: OHIO BUREAU OF RADIATION PROTECTION Licensee: AMERICAN ELECTRIC POWER COMPANY Region: 3 City: CHESHIRE State: OH County: License #: 00006GL0265 Agreement: Y Docket: NRC Notified By: STEPHEN JAMES HQ OPS Officer: MARK ABRAMOVITZ	Notification Date: 07/11/2014 Notification Time: 13:25 [ET] Event Date: 07/11/2014 Event Time: [EDT] Last Update Date: 07/11/2014
Emergency Class: NON EMERGENCY 10 CFR Section: AGREEMENT STATE	Person (Organization): DAVID HILLS (R3DO) FSME EVENTS RESOURCE (FSME)

**Event Text**

AGREEMENT STATE REPORT - FIXED GAUGE SHUTTER STUCK IN CLOSED POSITION

The following information was received via e-mail:

"The licensee reported the malfunction of the shutter mechanism on a fixed gauge. The device is stuck in the closed position. Repair to the shutter will be made by the manufacturer, Ohmart-Vega. A date for their site visit to repair the shutter is pending. Information about the source is shown below:

Manufacturer: Ohmart/Vega  
Model: SH-F2  
Serial #: 13549338  
Source Serial #: 1224CO  
Isotope: Cs-137  
Initial Activity: 500mCi"

Ohio Report Number: OH 2014-019

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Part 21	Event Number: 49908
Rep Org: GE HITACHI NUCLEAR ENERGY Licensee: ASCO VALVE, INC. Region: 1 City: WILMINGTON State: NC County: License #: Agreement: Y Docket: NRC Notified By: LISA SCHICHLEIN HQ OPS Officer: DONG HWA PARK	Notification Date: 03/13/2014 Notification Time: 13:05 [ET] Event Date: 01/16/2014 Event Time: [EDT] Last Update Date: 07/23/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 21.21(a)(2) - INTERIM EVAL OF DEVIATION	Person (Organization): MARC FERDAS (R1DO) KATHLEEN O'DONOHUE (R2DO) DAVE PASSEHL (R3DO) THOMAS FARNHOLTZ (R4DO) PART 21 GROUP (EMAI)

#### Event Text

##### PART 21 - UNSEATING OF VALVE SPRING ON SCRAM SOLENOID PILOT VALVE

"This concerns an evaluation being performed by GE Hitachi Nuclear Energy (GEH) regarding a malfunction of a Scram Solenoid Pilot Valve (SSPV), which has been observed to impair control rod scram performance. As stated herein, GEH has not concluded that this is a reportable condition in accordance with the requirements of 10CFR 21.21(d). The SSPV manufacturer (ASCO Valve, Inc.) has not yet concluded its own investigation under 10CFR 21, and the results of that investigation are needed as input for the GEH evaluation. The manufacturer has issued an Interim Report, which provides confidence that this condition is limited to a very small portion of the suspect population.

"A malfunction of a Scram Solenoid Pilot Valve was attributed to the disengagement of the valve spring from the valve plunger. The effect of the malfunction is to degrade scram performance of an affected control rod. The safety significance of this condition cannot be determined at this time, but several mitigating and compensatory functions have been identified."

This evaluation affects Fermi 2, Columbia, Dresden 2-3, Oyster Creek, Peach Bottom 2-3, Quad Cities 1-2, and Browns Ferry 1-3.

\* \* \* UPDATE AT 1502 EDT ON 07/23/14 FROM LISA SCHICHLEIN TO S. SANDIN VIA FAX  
\* \* \*

"Subject: Completed Evaluation of Part 21 Potentially Reportable Condition Notification:  
Unseating of Valve Spring on SSPV

"This letter provides information concerning an evaluation now completed by GE Hitachi

Nuclear Energy (GEH) regarding the malfunction of Scram Solenoid Pilot Valves (SSPVs), which have been observed to impair control rod scram performance. As stated herein, GEH has concluded this condition is Not Reportable for two of the affected plants (Enrico Fermi 2 and Columbia Generating Station plants), but GEH does not have sufficient information to fully evaluate the safety significance of the condition for the remainder of the potentially affected plants. Given that, GEH closes this 10 CFR Part 21 evaluation with a Transfer of Information to potentially affected licensees, in accordance with the requirements of 10 CFR 21.21(b) and will communicate the determination of Not Reportable to the identified plants where sufficient information was available to make that determination.

"Although the **Enrico Fermi 2** and Columbia Generating Station plants are included in the attached list of U.S. plants potentially affected, inspections of all suspect SSPVs remaining at those plants indicate that no other SSPVs at those plants exhibit the condition (as informally reported to GEH), and therefore those plants were determined to not have a reportable condition.

"This letter closes the supplemental 60-Day Interim Report Notification (MFN 14-010 R0), provided on March 13, 2014, per 10 CFR 21.21(a)(2).

"If you have any questions, please call me at (910) 819-4491.

"Sincerely,

"Dale E. Porter  
 "Safety Evaluation Program Manager  
 "GE-Hitachi Nuclear Energy Americas LLC"

Notified R1DO (Gray), R2DO (Musser), R3DO (Orth), R4DO (Miller) and NRR Part 21 Group via email.

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Part 21	Event Number: 50299
Rep Org: SOR INC. Licensee: SOR INC. Region: 4 City: LENEXA State: KS County: License #: Agreement: Y Docket: NRC Notified By: MELANIE DIRKS HQ OPS Officer: STEVE SANDIN	Notification Date: 07/23/2014 Notification Time: 15:15 [ET] Event Date: 07/16/2014 Event Time: [CDT] Last Update Date: 07/23/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 21.21(d)(3)(i) - DEFECTS AND NONCOMPLIANCE	Person (Organization): MEL GRAY (R1DO) RANDY MUSSER (R2DO) STEVE ORTH (R3DO) GEOFFREY MILLER (R4DO) NRR PART 21 (EMAI)

**Event Text**

## PART 21 REPORT - POTENTIALLY DEFECTIVE PRESSURE & TEMPERATURE SWITCHES

The following information was originally received in NRC Region IV on July 16, 2014 via email. Relevant portions of the submittal are provided below without graphs, tables or pictures.

"SOR is a supplier of basic components to the nuclear power industry. The components of concern for this notification are SOR nuclear qualified Pressure and Temperature switches with TA housings manufactured from 2004 through 2009.

"The defect being reported is a potential out of tolerance condition concerning the machined sealing surface for an environmental seal on the SOR nuclear TA housing. Other switches with a similar defect have the potential to not meet their intended safety function.

"Summary: SOR Inc. began a 10CFR21 evaluation on 6/4/14 upon receipt of three SOR pressure switches, model number 5TA-B45-U8-C1A-JJTTNQ (SN's 041100627, 041100628, and 041100629). These were returned from Entergy Nuclear Vermont Yankee (VY) due to inspections which questioned the suitability of the sealing surfaces on the face of the housings where the cover O-ring seals.

"The product evaluation was concluded on 6/24/14 and it was determined that this issue is a reportable defect as defined by 10CFR Part 21. If the switch housing has an inadequate machined sealing surface, the potential exists for steam permeation into the switch housing during accident conditions. This could result in an increase in set point as well as allow moisture into the housing potentially causing electrical consequences such as current leakage or a short. It is anticipated that the above noted condition represents a small percentage of the total number of housings from this batch of castings. Also, the potential risk is thought to be small due to a second redundant seal on the cover. This condition is being reported as a conservative measure.

"Evaluation: There are 2 (redundant) environmental seals on the cover of the nuclear TA housing. One O-ring seals on the undercut of the cover threads (151 O-ring). This seal is not in question and is not part of this evaluation. The other O-ring seals between the face of the enclosure and the O-ring groove on the cover (042 O-ring). This is the seal that is the subject of this evaluation.

"Redundant O-ring seals are used on the SOR 'TA' cover to minimize steam permeation into the housing during LOCA or HELB conditions. The consequences of permeation are that it can result in an increase in the set point and also allow moisture into the housing which could have electrical consequences. The returned switches have a suspect sealing surface on the face of the housing where one of the two O-rings (the 042 O-ring) is intended to seal. For the purposes of this Part 21 evaluation, consideration needs to be given to whether this suspect sealing surface could result in increased permeation into the switch enclosure.

"Switches #041100627 and 041100628 both have an area on the face of the housing where the casting did not have sufficient material for cleanup when the housing was machined. This area was characterized by use of the SOR CMM and measuring the area where the O-ring is expected to seal.

"Switch #041100629 was different from #041100627 and 041100628 in that it had one small indentation in the sealing surface which was immeasurable but does not meet surface finish requirements.

"The TA housings on the returned switches are clearly out of tolerance. It is SOR's position that the environmental seals on any switch with a similar defect has the potential to not meet its' intended safety function. . .

"Evaluation of Previous Shipments: SOR has validated shipments for a quantity of 56 pressure and temperature switches with the subject TA housing.

"Potentially affected customers/utilities include: TVA/Watts Bar, TVA/Browns Ferry, TVA/Sequoyah, Entergy Nuclear/Vermont Yankee, Entergy Operations/River Bend, Southern California Edison, Third Qinshan Nuclear/QSNPP-3-A (TQNPC), Fairbanks Morse Engine, STP Nuclear Operating Co., Hydro Quebec /Gentilly II, Progress Energy/Shearon Harris, Control Components Inc./Korea Hydro Nuclear Shin-Kori & Wolsong, Control Components Inc./KHPN Shin Kori 3 & 4, Korea Hydro & Nuclear/KHPN Yonggwang NPP #5, Konan Engineering/Yonggwang Nuclear, and **First Energy/Davis-Besse Nuclear**. (Total Potentially Affected = 56.

"Root Cause: The returned TA housing castings did not meet print and therefore did not allow enough material for cleanup of the machined sealing surface.

"Permanent Corrective Action: SOR internal documentation is being changed to require 100% inspection of the raw casting height. Also, the 1/8 [inch] minimum finish dimension is being added to the housing machining drawings.

"Action by Nuclear Power Plant: SOR recommends that the application for each switch noted in the above table be reviewed to determine if it is being used in a LOCA or HELB application. If so, SOR recommends an inspection to visually check for an adequate sealing surface of the housing . This inspection is also recommended for switches that have not yet been installed. The minimum required sealing surface is 1/8 [inch] (0.125 [inch]). After inspection, all units should have the 042 and 151 O-rings replaced if the units do not exhibit the deviation.

"SOR will send replacement O-rings at no charge upon request. If units are found that do not meet the acceptance criteria, they will be replaced free of charge by SOR. Contact SOR Director of Customer Service, Greg Barber for the replacements:

"Greg Barber  
"913-956-3059  
"gbarber@sorinc.com"

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### **Waste Confidence Final Rule Now Before the Commission**

[9 Comments](#) Posted by [Moderator](#) on July 24, 2014

*Andy Imboden*

*Communications Branch Chief*

*Waste Confidence Directorate*

After thousands of public comments, dozens of meetings and hundreds of written pages, the NRC Commissioners are now deliberating the draft final rule and draft generic environmental

impact statement on the continued storage of spent nuclear fuel – what used to be called “waste confidence.”

Under NRC procedures, and in support of our agency’s transparency and openness goals, we are making three documents including the draft final rule and environmental impact statement available – you can find them on the NRC’s [waste confidence webpage](#):

- A staff paper, SECY-14-0072: Final Rule: Continued Storage of Spent Nuclear Fuel;
- A draft Federal Register notice on the final rule; and
- A draft NUREG-2157: Generic Environmental Impact Statement for Continued Storage of Spent Nuclear Fuel – Final Report (GEIS).

To be clear, the draft final rule and draft GEIS are not yet final and are not for public comment. NUREG-2157 includes a lengthy Appendix D that summarizes and responds to more than 33,000 written comments we received when the draft GEIS and proposed rule were published for comment last year. They are “draft final” documents because they need Commission approval before they become final agency action. The Commission may approve, modify, or disapprove them.

Some important points to remember: The final Continued Storage rule represents a generic finding on the environmental impacts of continued storage of spent nuclear fuel beyond the licensed operating life of a reactor. It does not license or approve any storage facility or any nuclear power reactors. The facilities are licensed – or licenses are renewed – based on site-specific application reviews.

The rule is to be used as a part of the overall environmental review for new reactor license applications, current reactor renewal applications, and spent fuel storage facility license reviews in these site-specific proceedings. The GEIS serves as the regulatory basis for the rule, and does not replace the staff’s comprehensive environmental review in individual licensing proceedings.

The name change from “waste confidence” to “continued storage” is just one way the new rule differs from previous versions, including the 2010 version that was struck down by the D.C. Circuit U.S. Appeals Court. (That ruling two years ago prompted the current rulemaking effort.) The name change and other changes are in part due to public comment, and are further explained in the staff paper and the Federal Register notice. The latter also includes an extensive question-and-answer section about the staff’s review and conclusions.

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## News

Columbus Dispatch

Environment

700 could lose jobs at Piketon nuclear-cleanup site

By Jessica Wehrman

The Columbus Dispatch

Friday July 18, 2014 6:59 AM

WASHINGTON —Nearly 700 cleanup workers and contractors at the former Portsmouth Gaseous Diffusion Plant in southern Ohio face the possibility of layoff by this fall —the latest setback for a region that has struggled in recent years.

Fluor-B&W Portsmouth, the contractor responsible for cleanup at the former nuclear site near Piketon, told employees in an interoffice memorandum released yesterday that operational funding for the plant is expected to be “significantly reduced” in fiscal year 2015. According to the memo, the decrease in funding is primarily caused by deterioration in the market price for uranium and the reduced amount of uranium approved for transfer in fiscal 2015. The U.S.

Department of Energy had primarily paid for cleanup by selling its current uranium stockpile on the global marketplace.

The memo went on to say that the company must reduce about 505 full-time employees. Some 170 contractors also will be affected, according to those familiar with the company's plan. The memo said that most of the jobs will be eliminated in October or November.

The announcement is unrelated to the proposed uranium-enrichment plant planned for southern Ohio. That plant has also struggled, however, as it has worked to secure funding to commercialize its technology.

Rep. Brad Wenstrup, R-Cincinnati, whose district includes Portsmouth, called the uncertainty frustrating. Last month, Wenstrup introduced an amendment to increase decontamination and decommissioning money by \$15 million, but the amendment failed to pass the U.S. House of Representatives.

"The federal government has a commitment to Pike County to continue cleanup operations in a timely manner, so the region can move forward with future economic development," he said.

"The Piketon plant has been a crucial component of our nation's national security, and Washington can't forget it."

Ohio's two senators also were quick to react.

"While there have been major declines in the global price of uranium which caused today's announcement, cleanup and redevelopment of the Piketon facility must operate on schedule," said Sen. Sherrod Brown, a Democrat who vowed to work with the Senate and Department of Energy to secure resources to keep the work going.

Sen. Rob Portman, a Republican, used the announcement to urge President Barack Obama to fulfill a 2008 promise to clean up the site quickly.

"Today's announcement that nearly 700 employees at the Piketon site could be laid off by October of this year represents a broken commitment to the Piketon plant, to the workers and the thousands of others in the community who will be negatively affected, and to the taxpayers who will end up paying more for this necessary cleanup," he said.

jwehrman@dispatch.com

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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

Citizen Power Response Letter

ADAMS Accession No.: ML14191A701

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## **Davis-Besse**

Davis-Besse Nuclear Power Station, Unit 1 - 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 No. MF0220)

ADAMS Accession No.: ML14141A525

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Request for Additional Information for the Review of the Davis-Besse Nuclear Power Station License Renewal Application (TAC NO. ME4640)

ADAMS Accession No. ML14178A962

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DAVIS-BESSE MOD 50.59 REQUEST FOR INFORMATION LETTER

ADAMS ACCESSION# ML14196A515

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Davis-Besse NRC Security Baseline Inspection Report 05000346/2014404 (Cover Letter Only)

ADAMS ACCESSION NO# ML14197A125

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DAVIS-BESSE 2013 010 STEAM GENERATOR REPLACEMENT 50001

ADAMS ACCESSION#ML14204A317

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DAVIS-BESSE NUCLEAR POWER STATION NRC INTEGRATED INSPECTION REPORT  
050000346/2014003

ADAMS Accession Number: ML14212A468

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Memorandum and Order (Denying Intervenors' Motion for Admission of Contention No. 6 on Shield Building Concrete Void, Cracking and Broken Rebar Problems).

ADAMS Accession No.: ML14206A719

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Davis-Besse Nuclear Power Station Unit 1, Reply to Request for Additional Information for the Review of License Renewal Application (TAC No. ME4640) and License Renewal Application Amendment No. 51.

ADAMS Accession No.: ML14184B184

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Notification of Documents Related to the Davis-Besse Shield Building.

ADAMS Accession No.: ML14189A452

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Davis-Besse Nuclear Power Station, Unit 1 - License Renewal Application Amendment No. 50 - Annual Update.

ADAMS Accession No.: ML14175B381

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2014/06/17 NRR E-mail Capture - RE: Davis Besse operating license renewal

ADAMS Accession No.: ML14168A616

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## **Perry**

Perry Nuclear Power Plant, Unit 1 - 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 No. MF0263)

ADAMS Accession Number: ML14141A460

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Perry NRC Security Baseline Inspection Report 05000440/2014404 (Cover Letter Only)  
ADAMS ACCESSION NO# ML14209A022

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Perry Nuclear Power Plant Renewal of the Air Pollution Permit to Install and Operate.  
ADAMS Accession No.: ML14199A498

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Beaver Valley, Unit 1 and ISFSI, Davis-Besse ISFSI, Perry and ISFSI - Replacement of  
Parental Guarantees.

ADAMS Accession No.: ML14183B295

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Perry Nuclear Power Plant, Request for Licensing Action to Amend Technical Specification  
3.4.11. "RCS Pressure and Temperature (P/T) Limits".

ADAMS Accession No.: ML14174A633

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## **Beaver Valley**

INITIAL OPERATOR LICENSING OPERATING TEST AND WRITTEN EXAMINATION  
APPROVAL BEAVER VALLEY POWER STATION UNIT 1

ADAMS Accession No.: ML14183A844

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JUNE 4, 2014, NRC GENERIC FUNDAMENTALS EXAMINATION RESULTS FOR  
BEAVER VALLEY POWER STATION, UNIT 2 (COVER LETTER).

ADAMS Accession No.: ML14192B069

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June 6, 2014 Summary of Meeting With FENOC RE: Flooding Hazard Reevaluation Extension  
Request For Beaver Valley Power Station, Units 1 and 2 and Flooding Hazard Reevaluation  
Report For Davis-Besse Nuclear Power Station, Unit 1.

ADAMS Accession No.: ML14160B103

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Beaver Valley Power Station, Units 1 and 2 - Revision to Reactor Vessel Surveillance Capsule  
Withdrawl Schedule (TAC Nos. MF1929 and MF1930)

ADAMS Accession No.: ML13242A266

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Beaver Valley Power Station Units 1 and 2 - Relaxation of Response Due Date Regarding  
Flooding Hazard Reevaluations for Recommendation 2.1 of the Near-Term Task Force Review  
of the Insights from the Fukushima Dai-Ichi Accident (TAC Nos. MF3589 and MF3590)

ADAMS Accession No.: ML14171A461

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Beaver Valley Power Station, Units 1 and 2, Reassignment of U.S. Nuclear Regulatory  
Commission Branch Chief.

ADAMS Accession No.: ML14177A686

\*\*\*\*\*

Beaver Valley Power Station, Unit No. 2 - Supplemental Information Needed For Acceptance of  
Requested Licensing Action Re: License Amendment Request to Revise Technical  
Specification 4.3.2, Spent Fuel Storage Pool Minimum Inadvertent Drainage Elevation.

ADAMS Accession No.: ML14190A684

\*\*\*\*\*

BEAVER VALLEY POWER STATION: NRC EVALUATED EMERGENCY PREPAREDNESS EXERCISE – INSPECTION REPORT 05000334/2014502 AND 05000412/2014502  
ADAMS Accession No.: ML14211A045

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NUREG-1511, "Reactor Pressure Vessel Status Report".  
ML082030506

\*\*\*\*\*

Beaver Valley Power Station Discharge Monitoring Report (NPDES) Permit No. PA0025615.  
ADAMS Accession No.: ML14177A601

\*\*\*\*\*

APP-051 - Groundwater Discharge Plan (GDP) permit application, as updated with replacement pages through November 2012.

ADAMS Accession No.: ML14172A251

\*\*\*\*\*

APP-021-A - Dewey-Burdock Project Technical Report (TR); re-submitted August 2009; Part 1; Text thru Sec. 2.7.1; ML092870298

ADAMS Accession No.: ML14176B145

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## **Portsmouth Facilities**

Response To Request For Additional Information Regarding Changes To The Decommissioning Funding Program Description For Calendar Year 2014 And Transmittal Of Financial Assurance Documents - Technical Assignment Control Number L36029.

ADAMS Accession No.: ML14203A335

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Response on Withholding Proprietary Information In USEC Inc.Letter ACO 14-0019 Dated May 21, 2014.

ADAMS Accession No.: ML14189A066

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AREVA Design Control Document Rev. 7 - Tier 2 Chapter 11 - Radioactive Waste Management - Section 11.2 Liquid Waste Management System

ADAMS Accession No.: ML14209A711

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APP-016-Y - Revised TR RAI response; Appendices Part 17; App.2.9-B through 2.9-K; ML112150229.

ADAMS Accession No.: ML14172A125

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## **Fermi 1**

No reports

## **Fermi 2**

Notice of Intent to Prepare an Environmental Impact Statement and Conduct Scoping Process for License Renewal for Fermi 2 Attached is the Letter and the Federal Register Notice

ADAMS Accession No.: ML14160B055 (Letter)  
ADAMS Accession No.: ML1161A016 (Federal Register Notice)

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Request for Concurrence with List of Federally-Listed Species and Habitats for the Proposed Enrico Fermi, Unit 2, License Renewal  
ADAMS Accession No. ML14164A037

\*\*\*\*\*

Enrico Fermi Unit 2, License Renewal Application Review  
ADAMS Accession No. ML14155A207

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Fermi 2, License Renewal Application Review (SHPO Scoping)  
ADAMS Accession No. ML14157A383

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Notice of Intent to Prepare an Environmental Impact Statement and Conduct Scoping Process for License Renewal of Fermi 2

ADAMS Accession No .ML14171A427 (Letter)  
ML14161A016 (Federal Register Notice)

\*\*\*\*\*

Request for Scoping Comments Concerning the Fermi 2, License Renewal Application Review  
ADAMS Accession No. ML14157A354

\*\*\*\*\*

Fermi 2 - Alternative Request PVR-001 Concerning the Third 10-Year Inservice Testing Program (TAC NO. MF2967)

ADAMS Accession No.: ML14176A929

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Fermi Power Plant, Unit 2 - NRC Integrated Inspection Report 05000341/2014003

ADAMS Accession No. ML14206A882

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Plan for Scoping and Screening Regulatory Audit Regarding the Fermi 2 License Renewal Application Review (TAC NO. MF4222)

ADAMS Accession No. ML14195A221

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FERMI 2 - Project Manager Assignment

ADAMS Accession No.: ML14203A641

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FERMI UNIT 2 CYBER SECURITY REQUEST FOR INFORMATION LETTER

ADAMS ACCESSION#ML14212A415

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Transcript of the Advisory Committee on Reactor Safeguards ESBWR Subcommittee - July 7, 2014 Pages 1-244.

ADAMS Accession No.: ML14198A263

\*\*\*\*\*

Request for Scoping Comments Concerning the Enrico Fermi, Unit 2. License Renewal Application Review.

ADAMS Accession No.: ML14157A354

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Fermi 2 - ISFSI Decommissioning Funding Plan.

ADAMS Accession No.: ML14183B584

\*\*\*\*\*

DTE Electric Company's Phase 1 Integrated Plan in response to June 6, 2013 Commission Order Modifying Licenses With Regard to Reliable Hardened Containment Vents Capable of Operation under Severe Accident Conditions (Order Number EA-13-109).

ADAMS Accession No.: ML14182A203

\*\*\*\*\*

Final Environmental Statement Related to Enrico Fermi Atomic Power Plant, Unit 2.

ADAMS Accession No.: ML14177A283

\*\*\*\*\*

Request for Concurrence with List of Federally-Listed Species and Habitats for the Proposed Enrico Fermi, Unit 2, License Renewal.

ADAMS Accession No.: ML14164A037

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### **Fermi 3**

Motion of the Nuclear Energy Institute, Inc. for Leave to File Amicus Curiae Brief in Response to the Commission's July 11, 2014 Briefing Order.

ADAMS Accession No.: ML14209B082

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NRC Staff Response to Commission's Order Inviting Comments on the Board's Request for Approval to Conduct SUA SPONTE Review of Contention 23 (Transmission Lines).

ADAMS Accession No.: ML14209B059

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Applicant's Opposition to SUA Sponte Consideration of Transmission Corridor Issues.

ADAMS Accession No.: ML14209A896

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NRC Staff's Answer to Intervenor's Petition for Review of LBP-14-07.

ADAMS Accession No.: ML14195A499

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Memorandum (Determining that Issues Related to Intervenor's Proposed Contention 23 Merit Sua Sponte Review Pursuant to 10 C.F.R. Section 2.340(b) and Requesting Commission Approval).

ADAMS Accession No.: ML14188C420

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Fermi 3 Combined License Application - Advanced Final Safety Evaluation With No Open Items For Sections 3.7 and 3.8 "Seismic Design And Seismic Category 1 Structures".

ADAMS Accession No.: ML14162A375

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