

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

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## Beans

Training: 0  
Drills: 2  
Meetings: 4  
Technical Assistance: 2  
Public Assistance: 1

Web Page Views: There were 17 page views in May.

## Coming Attractions

6/4 Working group  
6/5-7 RAT Training  
7/8 URSB

## Facility updates

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

Davis-Besse operated at full power for April. There were no Event reports.

During the working group meeting May 1<sup>st</sup> the NRC waste confidence decision was mentioned in relation to the DBNPS license renewal. The concern being that the NRC will not be issuing power plant licenses or renewals until the waste confidence decision has been resolved. This link: <http://www.nrc.gov/waste/spent-fuel-storage/wcd.html> has all the information on the waste confidence decision including its projected schedule. Presently the NRC is estimating the waste confidence decision will be resolved by August 2014. The DBNPS license expires in 2017 so assuming the waste confidence schedule is maintained it shouldn't interfere with the issuance of a renewed license for DBNPS.

### **Perry Nuclear Power Plant**

Perry started May in a refueling outage and exited the outage May 12, returning to 100% power.

## **Beaver Valley Power Station**

### **Beaver Valley Unit I**

Unit I operated at full power for May. It was not impacted by the Unit 2 shutdown.

### **Beaver Valley Unit II**

Unit II operated at full power until May 29.

Beaver Valley Power Station notified the State that Unit 2 was been shut down due to a vibration in the turbine generator. The unit is currently shut down and will be cooling down using normal methods so that they can begin working their plan to troubleshoot the generator. While Unit 2 is shut down BV will perform other maintenance work, and there is no estimated time that they will re-start. There was no abnormal release of radioactive materials, and no hazard to the public.

## **DTE**

### **Fermi II**

Fermi II started May in a maintenance outage until the 10<sup>th</sup>, and then operated at 68 per cent power for the rest of the month due to a recirculating reactor pump issue.

### **Fermi III**

Fermi III continues as a documentation evaluation.

## **Portsmouth Enrichment Plant**

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

## **Activity**

5/1 Working Group. There are two vacancies in the RAD Branch, The Rad analyst for DB interviews will start soon, and the central office RAD Anylist will be vacant starting 5/6. The Admin for the group is also relocating to Ky. The IZRRAG group will discuss response to an IND at a separate meeting not on Board time.

- 5/1 Environmental Response EEG workgroup Exercise Evaluation for the environmental health section. Added language generated from the IZRRAG procedures.
- 5/14 Davis-Besse Full Scale Exercise. The exercise went well, there were no known issues from FEMA. There was a mix up in field data where a reading was off by 1000 times. FEMA observed the discussion this caused and the check process it generated. This was indicated as a strength, that it was immediately caught as a potential error, and that it was pursued via several channels.
- 5/15 FEMA TTX on Joint Action Incident Response. Discussion of the Stafford and Price Anderson Acts, and the role that American Nuclear Insurers may play. ANI is adept at dodging direct questions of their role and responsibilities. After the ANI representative left the meeting focused on declaration metrics and Incident Action Plans.
- 5/22 SRIP meeting to refine the draft IND Annex for release for comment on June 7.
- 5/30 ESF-3 agencies met to tweak that section of the IND Annex.

## Office Issues

The draft for the IND annex is ready for release for comment by participating State agencies. This is not in final form and needs further input from several ESF groups. It has reached the point of being a tool for local jurisdictions to use for a planning effort that will mesh with the State.

The orphan Radium sources in Galena were reported to the NRC by ODH. See Event 49005.

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

### Operating Power Levels

February

Date	BV1	BV2	DB	Perry	Fermi2
1	100	100	100	0	0
6	100	100	100	0	0
10	100	100	100	0	2
12	100	100	100	2	68
13	100	100	100	15	68

Fermi 2 Maintenance, Perry Core reloaded

20	100	100	100	97	68
27	100	100	100	100	68
28	100	0	100	100	68
31	100	0	100	100	68

BV2 down due to vibration in turbo-generator

## Plant Reports

Part 21	Event Number: 49001
Rep Org: ENGINE SYSTEMS, INC Licensee: ELECTRO-MOTIVE DIESEL Region: 1 City: ROCKY MOUNT State: NC County: License #: Agreement: Y Docket: NRC Notified By: TOM HORNER HQ OPS Officer: PETE SNYDER	Notification Date: 05/03/2013 Notification Time: 16:49 [ET] Event Date: 05/03/2013 Event Time: [EDT] Last Update Date: 05/03/2013
Emergency Class: NON EMERGENCY 10 CFR Section: 21.21(d)(3)(i) - DEFECTS AND NONCOMPLIANCE	Person (Organization): GORDON HUNEGS (R1DO) KATHLEEN O'DONOHUE (R2DO) ERIC DUNCAN (R3DO) MARK HAIRE (R4DO) PART 21 REACTORS (EMAI)

### Event Text

#### PART 21 REPORT - FUEL INJECTORS FAILED PRESSURE TEST

The following is a summary of information received via fax:

"Engine Systems Inc. (ESI) began a 10CFR21 evaluation on 02/19/13 upon pressure leakage testing of three (3) fuel injectors, part number 40084720 (s/n 11K23136, 12K20318 & 12K20385), that were returned by TVA-Browns Ferry because they failed a pressure test at the site prior to installation in the engine. Another fuel injector was later returned by TVA (s/n 12K20330) for the same reason. On 3/11/13, ESI received a fuel injector (s/n 12H23003) from First Energy-Davis Besse because the injector failed their on-site pressure leakage test. The pressure test specifies applying 2000 psi to the fuel injector and verifying the pressure does not fall below 1500 psi after 30 seconds.

"TVA has been working with ESI to evaluate the reported deviation. ESI has also been working with EMD and EMD's fuel injector supplier to determine the cause of the injector leakage. All parties involved were not able to complete the deviation evaluation within the 60 day time period specified in 10CFR Part 21; therefore, TVA issued an interim report to the NRC about this issue on March 22, 2013 [NRC EN No. 48844]. This report is a follow-up to TVA's interim report.

"This evaluation was concluded on 05/02/13 and it was determined that this issue is a reportable defect as defined by 10CFR Part 21. The fuel injector pressure leakage has been attributed to debris that entered the injectors during assembly of the filter elements into the

injector body at the manufacturer. A leaking or otherwise improperly functioning fuel injector could affect the load carrying capability of the diesel engine. Fuel dilution of the engine lubricating oil could also occur as a result of a leaking fuel injector. Either of these conditions could impact the operability of the diesel engine and thereby prevent the diesel generator from performing its safety related function."

The following licensees may potentially be affected: FP&L-St. Lucie, Energy Northwest-Columbia, Nextera-Point Beach, Exelon-Dresden, TVA-Browns Ferry, **First Energy-Davis Besse**, Dominion Va. Power-Surry, Entergy-ANO, and **First Energy-Beaver Valley**.

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Agreement State	Event Number: 49005
Rep Org: OHIO BUREAU OF RADIATION PROTECTION Licensee: Region: 3 City: GALENA State: OH County: License #: Agreement: Y Docket: NRC Notified By: DAVID LIPP HQ OPS Officer: DONALD NORWOOD	Notification Date: 05/06/2013 Notification Time: 14:37 [ET] Event Date: 04/19/2013 Event Time: [EDT] Last Update Date: 05/06/2013
Emergency Class: NON EMERGENCY 10 CFR Section: AGREEMENT STATE	Person (Organization): HIRONORI PETERSON (R3DO) FSME EVENTS RESOURCE (EMAI)

**Event Text**

**AGREEMENT STATE REPORT - FOUND ORPHAN RADIUM SOURCES**

The following information was received via E-mail:

"On 4/19/13 the [Ohio] Bureau of Radiation Protection (BRP) received a call from the RSO of broad-scope licensee Ohio State University (OSU). The RSO stated that he had received a call from a woman who had been helping an elderly neighbor clean out a garage after her husband's death. The husband had been a college professor. The woman and widow had discovered a large, five-gallon can filled with what appeared to be lead. The widow indicated that she believed it contained radium needles.

"On 4/21/13 the woman contacted BRP to arrange pickup of the device and deliver it to OSU. OSU has volunteered to store the device pending disposal. On 4/22/13, three BRP inspectors went to the home to perform radiological surveys of the container. Wipes were taken of the outside and a field scan of the wipes identified no removable contamination. The maximum dose rate reading at contact was 1.7 mrem/hr. The inspectors were unable to verify that the material was radium. The device was loaded into the BRP truck and transferred to the OSU Radiation Safety Office and placed in a secure radioactive material storage area.

"On 4/23/13, BRP contacted the US-EPA to request assistance in identification and disposal

of the container and material, assuming it to contain one or more radium needle orphan source(s). BRP is also contacting the CRCPD [Conference of Radiation Control Program Directors] for assistance in disposal.

"On 5/2/13 BRP inspectors visited the widow's home, at her request, to ensure there were no other similar containers or materials present. The inspectors discovered a second container that was identified as containing radium. This container was also taken to OSU and placed in a secure radioactive material storage area. US-EPA was contacted about this second device for inclusion in their investigation.

"BRP is currently working to obtain more information on the origin of the radioactive materials. No further information is available as of this date (5/6/13)."

BRP indicated that the 'containers' appear to be homemade lead pigs. The second container has a maximum dose rate reading of 2.5 mrem/hr at contact. Gamma spectroscopy analysis of the second container, along with a partial label found, indicate that the contents may be Radium-226.

Ohio Item Number: OH130013

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!!!! THIS EVENT HAS BEEN RETRACTED. THIS EVENT HAS BEEN RETRACTED !!!!

Power Reactor	Event Number: 48886
Facility: FERMI Region: 3 State: MI Unit: [2] [ ] [ ] RX Type: [2] GE-4 NRC Notified By: KELLEY BELENKY HQ OPS Officer: PETE SNYDER	Notification Date: 04/03/2013 Notification Time: 16:51 [ET] Event Date: 04/03/2013 Event Time: 10:53 [EDT] Last Update Date: 05/28/2013
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(v)(D) - ACCIDENT MITIGATION	Person (Organization): ROBERT DALEY (R3DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
2	N	Y	65	Power Operation	65	Power Operation

**Event Text**

COOLING WATER MAKEUP PUMP FAILED TO START DURING A SURVEILLANCE TEST

"At 1053 [EDT] on April 3, 2013, during the performance of a surveillance test on the Division 2 Emergency Equipment Cooling Water (EECW) system the EECW system was declared inoperable due to the Division 2 EECW makeup pump failing to start during the surveillance. The EECW system cools various safety related components, including the High Pressure Coolant Injection (HPCI) room cooler.

"A 14 day Limiting Condition for Operation (LCO) was entered for HPCI via [Technical Specification] LCO 3.5.1. Investigation into why the makeup pump did not start is currently in

progress.

"This report is being made pursuant to 10 CFR 50.72 (b)(3)(v)(D) as a condition that at the time of discovery could have prevented the fulfillment of a safety function needed to mitigate the consequences of an accident, based on a loss of a single train safety system.

"The NRC Resident Inspector has been notified."

\* \* \* UPDATE FROM BRETT JEBBIA TO VINCE KLCO ON 5/28/13 AT 1613 EDT \* \* \*

"An evaluation of Event 48886 has determined that the Division 2 Emergency Cooling Water (EECW) system was capable of supporting HPCI Room Cooler and HPCI operation for a period of time in excess of that required to perform the required safety functions as assumed in the accident analysis. Therefore, this event is retracted."

The licensee notified the NRC Resident Inspector. Notified the R3DO (Orth).

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## News

Cleveland.com

### FirstEnergy finds goldfish in Perry nuclear plant, NRC investigating

By John Funk, The Plain Dealer

on May 02, 2013 at 7:30 PM, updated May 03, 2013 at 9:49 AM

A pair of radioactive goldfish has been found swimming in a lemonade pitcher in the bowels of the Perry nuclear power plant. Their presence in a steam tunnel after a 43-day plant maintenance shutdown has led reactor owner FirstEnergy Corp. on a hunt to find the owner.

The fishy tale has prompted federal regulators to ask a lot of new questions about morale at Perry and whether plant operators can control access to radioactive areas as required by regulation.

"Clearly somebody brought the two goldfish into the plant. They did not swim into the plant," said Perry spokeswoman Jennifer Young.

Though fish do occasionally turn up in power plants, pulled in with cooling water from rivers or lakes, Young said investigators are pretty sure these two came in through the front door, probably in a plastic bag in someone's pocket.

Security checks of employees involve detection of metal and bombs, not fish in plastic bags. Employees and contractors are not patted down and not subject to body scans, said Young.

Crews taking down scaffolding in an underground steam tunnel at the plant found the fish earlier this week and immediately filed a report, as required federal regulation.

Young said investigators were questioning employees and contractors and reviewing video recordings of the tunnel.

The tunnel contains lines that carry super-heated steam from the reactor building to the adjacent turbine building, which houses the plant's steam turbine and electrical generator. The tunnel is off-limits as a radiation area when the reactor is running.

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### **Fukushima prompts better understanding of marine migrations**

Published: Thursday, May 9, 2013

Radiation from Japan's nuclear disaster has provided biologists the chance to study migrations of fish, turtles and birds across the Pacific Ocean, producing knowledge that may help with conservation efforts.

Through a doctoral program at Stanford University's Hopkins Marine Station in Pacific Grove, Calif., marine biologist Dan Madigan researched the mysterious migration patterns of the Pacific bluefin tuna and other sea creatures by studying nitrogen and carbon isotope signatures in the animals' tissue. But tracking such signatures can be difficult, and Madigan thought he could use radioactive signals from Japan's Fukushima Daiichi nuclear disaster to confirm the results of the chemical analysis.

Marine radiation expert Nicholas Fisher, a professor at Stony Brook University in New York, was called in to test tuna samples obtained from California's shores. All the tuna tested positive for cesium-134 and cesium-137, both known waste products from the Japanese nuclear power plant that was devastated by the 2011 earthquake and tsunami.

The scientists concluded that the tracking method worked and that the nuclear disaster provided "an unprecedented opportunity" for scientists to use radioactive tracers to follow animal movement.

In the next few months, researchers at the National Oceanic and Atmospheric Administration and other establishments are set to analyze hundreds more bluefin tuna, as well as albacore tuna; mahi mahi; ocean sunfish; opa; mako, blue and salmon sharks; loggerhead turtles; and sooty shearwaters, a kind of migratory seabird (Eryn Brown, [Los Angeles Times](#), May 8). -- KJ

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### **Officials struggle to ID person who planted goldfish in reactor water**

Published: Wednesday, May 15, 2013

Investigators at a nuclear power plant in Ohio have yet to identify who left two slightly radioactive goldfish in a pitcher found in a steam tunnel earlier this month.

The search for the suspect has proved difficult in spite of video surveillance because everyone who worked in the tunnel at the time of the incident was wearing a yellow protective radiological suit, which includes a hood.

Two goldfish were discovered swimming in a lemonade pitcher in the steam tunnel. The pitcher was filled with radioactive reactor water, and the fish also were slightly radioactive ([Greenwire](#), May 6).

More than 700 people work at the Perry plant, and plant security has turned to unions to supply 1,000 additional workers.

The Nuclear Regulatory Commission is paying special attention to the plant, which has been under increased surveillance after contractors came dangerously close to heavy radiation two years ago.

"[The goldfish incident] was not an immediate safety concern, but the behavior could potentially say something about the environment at the plant," said Viktoria Mitlyng, a spokeswoman for the agency's regional branch.

Other industry groups also expressed concern about the goldfish incident.

"What might be an amusing account of misplaced goldfish today could become tomorrow's nightmare story if someone with an ax to grind, another Timothy McVeigh type, places a bomb instead of two goldfish in Perry," said David Lochbaum, the director of the nuclear safety project of the Union of Concerned Scientists (John Funk,

[Cleveland Plain Dealer](#), May 14). -- **MM**

Source: <http://www.eenews.net/greenwire/2013/05/15/stories/1059981203>

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ToledoBlade.com

## Coalition objects to Davis-Besse plant upgrades

BY DAVID PATCH

BLADE STAFF WRITER

Published: 5/23/2013

A coalition of environmental groups has petitioned federal regulators to hold license-amendment hearings regarding FirstEnergy's plans to replace steam generators at the Davis-Besse nuclear power plant -- a hearing the groups say should have been held years ago.

The steam generators scheduled for installation next year at the Ottawa County plant will be so different from the equipment they will replace that it constitutes an "experimental design" that poses both safety and financial risks, according to a coalition statement.

"Once again, FirstEnergy's indifference to anything but maximum profit dictates the dance," Terry Lodge, the groups' Toledo-based lawyer, said in the statement. "What if this new, experimental design doesn't work out, just as steam generator replacements in the last three reactors have proven financial disasters?"

"We are about to open up a whole new can of worms at Davis-Besse -- this will be the death knell," said Michael Keegan, a spokesman in Monroe for Don't Waste Michigan, one of the four groups.

Along with issues associated with the steam generators themselves, he said, their replacement will require cutting yet another hole through the plant's outer Shield Building, which has "already been compromised" by previous holes.

Jennifer Young, a FirstEnergy spokesman, said the utility's "rigorous engineering and evaluation process" for any plant modifications is "closely reviewed by the Nuclear Regulatory Commission."

"Protecting the health and safety of the public is the top priority of FirstEnergy Nuclear Operating Company and the Davis-Besse Nuclear Power Station," she said.

Along with Don't Waste Michigan, Beyond Nuclear, Citizens' Environmental Alliance of Southwestern Ontario, and the Sierra Club have petitioned the NRC for hearings.

Viktoria Mitlyng, an NRC spokesman, said the agency's Atomic Safety and Licensing Board "will follow its normal process to review the petition."

The environmental groups, which in separate proceedings are fighting FirstEnergy's application to renew Davis-Besse's operating license past its 2017 expiration, said the steam-generator issue "risks repeating the same sort of dangerous mistakes made at the San Onofre nuclear power plant in southern California."

A steam generator tube rupture there early last year released a small amount of radioactive steam into the air and prompted discovery of unexpected wear on the generators' steam tubes, apparently caused by a design flaw. San Onofre's two generating units remain out of service 16 months later.

Activists there called for license-amendment hearings, which were not held, before four new steam generators were installed at San Onofre.

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## Low-level radioactive waste dump in Newburgh Heights is now a park and playground

By Dave Davis, The Plain Dealer on May 28, 2013 at 7:00 AM

NEWBURGH HEIGHTS, Ohio

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It's always been a playground.

Tucked into a residential neighborhood in Newburgh Heights, the five-acre property for decades had a magical appeal for local children who played in the 50-foot-deep ravine with a swamp at the bottom and the brightly colored, steaming waste chemicals that were regularly dumped there. Nearly everyone who lived nearby has a story about playing in the Bert Avenue dump, which in 1975 became a low-level radioactive waste dump after a local company dismantled a building contaminated with depleted uranium and dumped the rubble there.

Today, the site has earned a new distinction. It's the only one in a residential neighborhood to be cleaned up by burying the low-level radioactive waste safely on site, federal officials say.

The former dump is now a village park with shiny new playground equipment. It sits on 40,000 cubic yards of contaminated waste entombed in a clay-lined cell and covered with 16 feet of topsoil. Extensive testing shows radiation levels at the playground are at about what occurs naturally outdoors.

"I feel really proud that it's a park," said Kathy Edwards, a former council member and mayor who pushed for the cleanup of the site in the 1990s. Earlier this month, the park was named in honor of Edwards in a ceremony that drew residents and officials involved in the dump's cleanup.

Edwards, who lives just doors from the property, acknowledges that the idea of a park with a playground sitting above a cell of low-level radioactive waste might seem odd at first, but she maintains it's the best use for the property.

"It restricts development," she said. "I didn't want someone building there --and there were people who wanted to.

"I think the most important thing is that it's all about the kids," Edwards added. "We had to clean it up because of the kids. "It was no danger to me where I lived," Edwards added. "But the point is it was an attractive area for the kids. Kids have always played there. My 90-year-old mother played there. I played there. And the kids of today were playing there.

"Now, it's a safe place and a very positive place for the kids to play."

Chris Trepal, an environmental activist and expert on nuclear waste, said she has "some comfort" with capping low-level waste of this type. "But for complete comfort, I wouldn't ever let my children or grandchildren play there.

"As we learn more in 50 or 100 years, is it going to be OK for children to play on top of a radioactive waste dump? I don't know," added Trepal, who recently retired as co-director of Cleveland's Earth Day Coalition after more than 20 years. Trepal was among those who pushed for the cleanup in the early 1990s.

"Some of this material we just shouldn't mess around with or we just don't know enough about to make decisions, even though we have to make them," Trepal added.

Contamination of the Bert Avenue dump held the national spotlight through much of the early 1990s, in large part due to feisty Mayor Edwards, who didn't hesitate to point her finger at government regulators and corporate executives for allowing the cleanup to drag on.

Ohio's U.S. senators, Democrats John Glenn and Howard M. Metzenbaum, along with Republican U.S. Rep. Martin Hoke, took up the cause, forcing an investigation by what was then known as the General Accounting Office and repeated visits by top government regulators.

The cleanup of more than \$7 million was paid for by appliance maker Sunbeam-Oster Co., which inherited the mess in 1990 when it acquired the parent company of Chemetron Corp., the Newburgh Heights company that contaminated the dump. Chemetron, which owned the Bert Avenue dump, used depleted uranium to manufacture a chemical catalyst at its Harvard Avenue facility. It stopped production of the catalyst in 1972 and three years later dismantled the building and improperly disposed of rubble at the Bert Avenue dump, U.S. Nuclear Regulatory Commission records show.

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## Fluor-B&W: Records were altered at Piketon operation

05.26.13 - 01:03 am

Ryan Scott Ottney PDT Staff Writer

Fluor-B&W Portsmouth is investigating claims that employees altered documents to cover up problems with radiation detection equipment being used at the uranium enrichment plant in Piketon.

The Dayton Daily News first reported employees and subcontract personnel were believed to have altered records that would have revealed problems with hand-held radiation detection devices.

"It became clear that some of our radiation monitoring equipment was left in service even though it had failed some daily source checks," Fluor-B&W spokesman Jeff Wagner told the Daily Times on Saturday.

"An employee concern was raised about this—which is great, I mean that's exactly what we want if employees see something that they don't think is right, we want them to stop and raise that to our attention. So as we started looking into this it became clear that some folks went back into these logs, which had been filed away in records, and they changed them."

The issue was discovered in April, and Fluor-B&W and the Department of Energy Inspector General each opened an investigation which uncovered 25 altered reports.

"We've identified 25 discrete data points after reviewing thousands of monitoring logs and millions of data points in our efforts to confirm that no contaminated materials have left the site," Wagner said.

In a company memo sent May 22 to all employees, Fluor-B&W Site Project Director Dennis Carr said the number of incidents was limited and primarily associated with the Model 2360 Ludlum Alpha-Beta probes. He said the company has also tracked usage of that equipment on those days "to ensure there was no potential for contaminated objects to have been improperly released from our radiological areas."

Carr said it was not clear, but the company does believe the records were altered in an attempt to avoid detection of the issue.

"Intentional alteration of federal records is not only a breach of company's ethics policy and a level 1 violation of our disciplinary policy, but could carry with it serious legal and/or contractual consequences for the involved individuals and the company," Carr said.

Now begins a process of picking up and moving forward, he said.

"To date we have verified that all instrumentation currently in use on the Project is procedurally compliant and have invoked a series of added controls to ensure deployed instrumentation is ready for Project use.

Additionally we have re-qualified all radiation protection personnel in the appropriate process for performing and recording daily source checks," Carr said.

He said the appropriate employee actions were taken earlier in the week, and the company will, in the near future, be announcing new leadership and reorganization for the Radiation Protection Program.

Ryan Scott Ottney can be reached at 740-353-3101, ext. 287, or [rottney@civitasmedia.com](mailto:rottney@civitasmedia.com).

For breaking news, follow Ryan on Twitter at @PDTWriter.

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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

Electric Power Research Institute Final Draft Report XXXXXX, "Seismic Evaluation Guidance: Augmented Approach for the Resolution of Fukushima Near-Term Task Force

Recommendation 2.1: Seismic," As an Acceptable Alternative to the March 12, 2012,  
Information Request for Seismic Reevaluations  
ADAMS Accession No.: ML13106A331

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RIS 2013-05, NRC Position on the Relationship between General Design Criteria and Technical  
Specification Operability, dated May 9, 2013  
ADAMS Accession No.: ML13056A077

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DRAFT RIS, Embedded Digital Devices in Safety-Related Systems, Systems Important to  
Safety, and Items Relied on for Safety,  
ADAMS Accession No.: ML12248A065

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RIS 2013-08, Process For Scheduling Acceptance Reviews Of New Reactor Licensing And  
Design Certification Applications And Process For Determining Budget Needs For Fiscal Year  
2016, dated May 28, 2013  
ADAMS Accession No.: ML13077A148

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RIS 2013-07, NRC Staff Position On The Use of American Society Of Mechanical Engineers  
Certification Mark, dated May 28, 2013  
ADAMS Accession No.: ML13003A207

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## **Davis-Besse**

DAVIS-BESSE 2013 OPERATOR LICENSE INVITATION LETTER  
ADAMS ACCESSION# ML12123A367

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Davis-Besse Nuclear Power Station; NRC Security Baseline Inspection Report  
05000346/2013403 (Cover Letter Only)  
ADAMS Accession Number ML13127A463

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DAVIS-BESSE 2013 008 FIRE PROTECTION INSPECTION REPORT  
ADAMS ACCESSION# ML13130A161

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Davis-Besse Nuclear Power Station, Unit No. 1 - Safety Evaluation in Support of Proposed  
Alternative Regarding Post-Repair Pressure Testing Requirements.  
ADAMS Accession Number: ML13121A404

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Public Meeting/Open House To Discuss NRC Activities, Nuclear Power Issues, And 2012 End-  
Of-Cycle Performance Assessment of Davis-Besse Nuclear Power Station  
ADAMS Accession No. ML13144A754

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DAVIS-BESSE OPERATOR LICENSE EXAM APPROVAL  
ADAMS ACCESSION# ML13148A467

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DAVIS-BESSE: SCHEDULE REVISION FOR THE SAFETY AND ENVIRONMENTAL REVIEW  
OF THE DAVIS-BESSE NUCLEAR POWER STATION, UNIT 1, LICENSE RENEWAL  
APPLICATION (TAC NO. ME4613)  
ADAMS Accession No: ML13136A133

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Expert Witness Report Of Arnold Gundersen To Support The Petition For Leave To Intervene And Request For Hearing By Beyond Nuclear (Takoma Park, MD), Citizens Environment Alliance SW Ontario Canada, Don't Waste Michigan (MI), And Sierra Club Ohio  
ADAMS Accession No.: ML1341A243

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Petition To Intervene And For An Adjudicatory Public Hearing Of FENOC License Amendment Request.

ADAMS Accession No.: ML13141A250

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Davis-Besse, Unit 1, Supplemental Reply to Request for Additional Information for the Review of License Renewal Application Amendment No. 41, (TAC ME4640).

ADAMS Accession No.: ML13141A271

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Davis-Besse, Unit 1, Reply to Request for Additional Information for the Review of the License Renewal Application and License Renewal Application Amendment No. 40.

ADAMS Accession No.: ML13114A254

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Ltr 05/30/13 Non-Public Meeting to Discuss the 2012 End-of-Cycle Plant Security Performance Assessment of Davis-Besse Nuclear Power Station

ADAMS Accession Number ML13151A253

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## **Perry**

Perry Nuclear Power Plant, Unit No. 1 - Issuance of Amendment Regarding Adoption of TSTF-275, "Clarify Requirement for EDG Start Signal on RPV Level - Low, Low, Low During RPV Cavity Flood-up", and TSTF-300, "Eliminate DG LOCA-Start SRs While in S/D when no ECCS is Required"

ADAMS Accession Number: ML13051B144

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Perry Nuclear Power Plant - NRC Integrated Inspection Report 05000440/2013002

ADAMS Accession No. ML13130A326

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Perry Nuclear Power Plant, Unit No. 1 – Re-Issuance of Amendment Regarding Adoption of TSTF-275 “Clarify Requirement for EDG Start Signal on RPV Level – Low, Low, Low During RPV Cavity Flood-Up,” and TSTF-300, “Eliminate DG LOCA-Start SRs while in S/D When No ECCS is Required”

ADAMS Accession Number: ML13136A143

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## **Beaver Valley**

Beaver Valley Power Station, Unit No. 1 – Review of Steam Generator Tube Inspection Report for Spring 2012 Refueling Outage (TAC No. ME9853)

ADAMS Accession No.: ML13114A960

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Beaver Valley Power Station, Unit Nos. 1 and 2 – Response Date for Request for Additional Information Regarding End-of-Life Moderator Temperature Coefficient Testing (TAC Nos. ME9144 and ME9145)

ADAMS Accession No.: ML13084A346

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Beaver Valley Power Station - NRC Integrated Inspection Report 05000334/2013002 and 05000412/2013002

ADAMS Accession No.: ML13129A211

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

ADAMS Accession No.: ML13135A572

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Actions Received thru May 20, 2013.

ADAMS Accession No.: ML13141A753

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Beaver Valley, Units 1 and 2, Generic Safety Issue 191 Resolution Plan (TAC Nos. MC4665 and MC4666).

ADAMS Accession No.: ML13136A144

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Beaver Valley Power Station, Submittal of Discharge Monitoring Report (NPDES) Permit No. PA0025615.

ADAMS Accession No.: ML13141A501

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Beaver Valley, Unit 2, Steam Generator Inspection Report - Technical Specification 5.6.6.2.1.

ADAMS Accession No.: ML13114A050

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Beaver Valley, Units 1 & 2 - RTL A9.630F, 2012 Annual Environmental Operating Report, (Non-Radiological).

ADAMS Accession No.: ML13126A042

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PPL - Bell Bend COLA (Final Safety Analysis Report), Rev. 4 - FSAR Ch 02.5 Part 1 of 14

ADAMS Accession No.: ML13120A336

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Beaver Valley, Units 1 & 2 - RTL A9.690E, 2012 Radioactive Effluent Release Report and 2012 Annual Radiological Environmental Operating Report, Enclosure 3.

ADAMS Accession No.: ML13126A041

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Beaver Valley, Units 1 & 2 - RTL A9.690E, 2012 Radioactive Effluent Release Report and 2012 Annual Radiological Environmental Operating Report, Enclosure 1, Cover through Enclosure 2, Attachment 3.

ADAMS Accession No.: ML13126A039

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Beaver Valley Station - Notification of Inspection of Implementation of Interim Cyber Security Milestones 1 – 7

ADAMS Accession No.: ML13151A237

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## **Portsmouth Facilities**

Memo from NSIR/DSP/FCTSB to NMSS/DFCSS/UEB re: Technical Assistance Request in the review, evaluation and response to USEC/ACP request for review and approval of changes to transport security plan (NR-3605-0010) dated February 27, 2013.

ADAMS Accession No.: ML13112A113

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Letter to Peter Miner on NRC's Review of USEC Inc.'s Changes to the FNMCP for the Lead Cascade Facility and the ACP.

ADAMS Accession No.: ML13126A193

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Transmittal of Security Incident Log per 10 CFR 95.57(b) and SPPP For American Centrifuge Operating, LLC - Security-Related Information and USEC Proprietary Information.

ADAMS Accession No.: ML133134A213

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Letter to P. Miner re: NRC Response on USEC Inc. Request to Review Draft Financial Assurance Documentation Related to the Decommissioning Program for the Lead Cascade (AET 13-0023).

ADAMS Accession No.: ML13115A017

\*\*\*\*\*

American Centrifuge Lead Cascade Facility, American Centrifuge Plant, Additional Information for Summary of Changes for Calendar Year 2012 (TAC No. L34229).

ADAMS Accession No.: ML13121A488

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## **Fermi 2**

Fermi Power Plant, Unit 2, NRC Integrated Inspection Report 05000341/2013002

ADAMS Accession No. ML13127A206

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FERMI 2013 OPERATOR LICENSE WORKSHOP INVITATION LETTER

ADAMS ACCESSION# ML13123A392

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Fermi 2 – Issuance of Amendment to Revise Technical Specifications to Adopt TSTF-522, Using Consolidated Line Item Improvement Process

ADAMS Accession Number: ML13112A142

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Fermi Power Plant, Unit 2 - Notification of NRC Inspection and Request for Information

ADAMS Accession No. ML13143A295

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IR 05000341-13-002; DTE Electric Company; 01/01/2013 - 03/31/2013; Fermi Power Plant, Unit 2, NRC Integrated Inspection.

ADAMS Accession No.: ML13127A206

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Memorandum and Order (Denying Intervenor's Motion for Resubmission of Contentions 3 and 13, for Resubmission of Contention 23 or its Admission as a New Contention, and for Admission of New Contentions 26 and 27).

ADAMS Accession No.: ML13120A527

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Fermi, Unit 2, Annual Radioactive Effluent Release Report and Radiological Environmental Operating Report.

ADAMS Accession No.: ML13121A350

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## **Fermi 3**

NRC Staff Submittal of Fermi COL Hearing File and Mandatory Disclosures, Hearing File Index, Update 52 - May 2, 2013.

ADAMS Accession No.: ML13121A550

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DTE Electric's Initial Statement of Position on Contention 15.

ADAMS Accession No.: ML13120A715

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Intervenors' Initial Statement Of Position On Contention 15.

ADAMS Accession No.: ML13120A786

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NRC Staff Initial Statement Of Position For Contention 15.

ADAMS Accession No.: ML13120A671

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NRC Staff Prefiled Hearing Exhibit NRC S1, Chapter 17 of the Advanced Safety Evaluation Report (SER) With No Open Items (Oct. 17, 2011).

ADAMS Accession No.: ML13120A677

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Testimony of Arnold Gundersen Supporting of Intervenors Contention 15: DTE COLA Lacks Statutorily Required Cohesive QA Program.

ADAMS Accession No.: ML13120A785

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Applicant Pre-Filed Evidentiary Hearing Exhibit DTE000015, "Initial Written Testimony of DTE Electric Company Witnesses Peter Smith, Stanley Stasek, Ronald Sacco, and Steven Thomas on Contention 15, dated April 30, 2013."

ADAMS Accession No.: ML13120A706

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Applicant Pre-Filed Evidentiary Hearing Exhibit DTE000071, "Fermi 3 QAPD, Revision 0, dated September 25, 2008".

ADAMS Accession No.: ML13120A703

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Written Direct Testimony Of George A. Lipscomb Concerning The Staff's Review Of The Fermi 3 Quality Assurance Program As It Relates To Contention 15.

ADAMS Accession No.: ML13120A674

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Applicant Pre-Filed Evidentiary Hearing Exhibit DTE000092, "Chapter 17 SER," (ADAMS Accession No. ML112630120).

ADAMS Accession No.: ML13120A709

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