

To: Jim Mehl, ERSIS Manager
From: Zack Clayton, Rad Coordinator
Subject: May Monthly Report
Date: June 1, 2015

Beans

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

Web Page Views: There were 36 page views in May.

Coming Attractions

6/4 RAT Training
6/8 ESF-10 disambiguation
6/10 IREP
6/11 Nuclear Weapons Response Planning
6/18 Divisional TTX and QA on Rad Plan
7/1 IREP
7/6 URSB
7/30 NEPAC
8/5 IREP
8/13 BV offsite training

Facility updates

Davis-Besse Nuclear Power Station

Davis-Besse operated at full power until May 9. After repair and analysis the plant restarted on May 12 and operated at full power for the rest of the month.

Ohio participated in a Hostile Action Base exercise with Davis-Besse on May 5. The only formal finding for the State was a planning issue relating to inconsistencies between the state plan and county procedures, the State will take this finding as correction in the state procedures will prevent a similar finding at the other plant exercises later. Also an incorrect statement in a single procedure related to when

potassium iodide would be ingested by state personnel. Planning issues are the least severe finding. Several times during the exit meeting FEMA referred to the exercise as being “very clean” and the State response as being “excellent”.

On May 9, at 1910, Davis-Besse declared an Unusual Event based on Emergency Action Level HU-4, an explosion due to a steam line break in the (clean) secondary steam system in the turbine building. There was no release of radioactive material. The State EOC was not activated. The reactor shut down safely and all other systems are functioning normally. The Unusual Event was terminated at 2120. The plant entered hot standby status and restarted May 13. See Event No. 51061 and Ohio EPA report No. 1505-62-0945.

Davis-Besse Nuclear Power Station has provided the State with an update on the elevated levels of tritium in ground water that were first detected on February 3, 2015. The sample results for April reported 14 of the 34 samples were above the 2000 picocuries of tritium per liter (pCi/L) reporting limit. With the highest sample being 8388 pCi/L. The limit for tritium in drinking water is 20,000 pCi/L. The plant Problem Solving team has yet to identify the source of tritium, but has no reason to suspect an active leak at this time. The Problem Solving team continues to assess the situation and has engaged Environmental Resources Management to assist with their assessment. Davis-Besse will continue monthly sampling for the foreseeable future. Assuming that an active leak doesn't exist the monthly sampling will continue until the tritium sampling results for all monitoring wells fall below 2000 pCi/L.

Perry Nuclear Power Plant

Perry operated at full power for the month.

On May 22, Perry made a 60-day telephone notification per the reporting requirements specified by 10 CFR 50.73(a)(2)(iv)(A) and 10 CFR 50.73(a)(1) to describe an invalid actuation of a containment isolation signal affecting more than one system. Specifically, at 1629 EDT on March 26, 2015, the plant received a Division 1 balance of plant outboard containment and drywell isolation signal. The isolation signal was received while removing fuses to establish a clearance for the replacement of an average power range monitor bypass switch. The removal of two fuses removed power to the manual initiation logic resulting in an isolation signal. This happened while the reactor was defueled during the outage. See Event No. 51084.

Beaver Valley Power Station

Beaver Valley Unit I

Unit I Was in a refueling outage until May 24 when it started up and achieved full power operation on May 27.

Beaver Valley Unit II

Unit II operated at full power for the month.

On May 11 at 1629 BVPS Unit 2 lost power to the radiation monitors for 21 minutes. Power was restored and the monitors returned to service. See Event 51064.

DTE

Fermi II

Fermi II operated at full power for the month.

Fermi III

Fermi III continues as a documentation evaluation.

Portsmouth Enrichment Plant

Activity

- 5/5 The Davis-Besse HAB evaluation went well from the State standpoint. An issue was discovered when FMT transects were set up and it was discovered coincidentally that there were traffic control points on the routes. This was resolved on the fly, but a notification mechanism needs to be developed if this happens again. OEMA needs to follow their own procedures for notification. Calling everyone in to sit for half an hour before allowing them to go to their station does not work and missed the chance to test the procedures in a fast breaking accident scenario. Data from two concurrent exercises (a weather emergency drill) needs to be separated to avoid confusion. Coordination with ODH at the ESF-10 desk needs to be established.
- 5/12 Office 365 training – Will be useful when it is rolled out for use.
- 5/13 IREP - Discussed the 5/5 exercise and results. Covered a few issues that came up during the exercise. Agreed to meet with ODH on the staffing and division of responsibilities at the ESF-10 desk. Covered agency updates and the NREP conference notable issues and news.
- 5/27 Public Records Training covered what is a public record. Did not pertain to records retention policy.

Office Issues

Statistics, NRC Reports, News, and ADAMS References

Operating Power Levels

May

Date	BV1	BV2	DB	Perry	Fermi2	
1	0	100	100	93	100	
4	0	100	100	100	100	
10	0	100	0	100	100	DB down due to steam drain line break
11	0	100	0	100	100	
13	0	100	33	100	100	
18	0	100	100	100	100	
24	10	100	100	100	100	BV1 exiting refueling outage
25	49	100	100	100	100	
27	100	100	100	100	100	
31	100	100	100	100	100	

Event Reports

Part 21	Event Number: 51030
Rep Org: AZZ/NLI NUCLEAR LOGISTICS, INC Licensee: ALLEN BRADLEY Region: 4 City: Fort Worth State: TX County: License #: Agreement: Y Docket: NRC Notified By: TRACY BOLT HQ OPS Officer: DANIEL MILLS	Notification Date: 05/01/2015 Notification Time: 13:32 [ET] Event Date: 04/30/2015 Event Time: [CDT] Last Update Date: 05/01/2015
Emergency Class: NON EMERGENCY 10 CFR Section: 21.21(d)(3)(i) - DEFECTS AND NONCOMPLIANCE	Person (Organization): MEL GRAY (R1DO) FRANK EHRHARDT (R2DO) ROBERT ORLIKOWSKI (R3DO) GEOFFREY MILLER (R4DO) PART 21/50.55 REACT (EMAI)

Event Text

POTENTIALLY UNQUALIFIED COMPONENT IN CERTAIN ALLEN BRADLEY TIMING RELAYS

The following is an excerpt from a document received from the licensee via email:

"Report of potential 10 CFR Part 21, Allen Bradley Timing Relay Model 700RTC

"Pursuant to 10 CFR 21.21(d)(3)(ii), AZZ/NLI is providing written notification of the identification of a potential failure to comply.

"On the basis of our evaluation, it is determined that AZZ/NLI does not have sufficient information to determine if the subject condition would, or has, created a Substantial Safety Hazard or would have created a Technical Specification Safety Limit violation as it relates to the subject plant applications.

"The specific part which fails to comply or contains a defect:

"As of 2009-2010, Allen Bradley relays base model 700RTC, contain an unevaluated CPLD (Complex Programmable Logic Device). This was an unpublished design change that was implemented to replace an obsolete integrated circuit chip. The undocumented design change did not result in a part number change from Allen-Bradley. There was no change to the appearance of the relay that would identify any design changes were made to the relay configuration. Therefore, NLI qualification/dedication of the relays after 2009 have not included additional testing for the new CPLD component.

"The timing relay model 700RTC has been dedicated/qualified for multiple applications for various plants.

"Between 2009-2010 Allen Bradley made a design change without changing the part number of the commercial relay or providing any documented evidence of a design change. The manufacturer specification data sheets maintain the classification that the relays are 'solid state', which would imply that there are no digital devices installed in the relay. However, after inspection of the internals of the timing relay (Figure 2), it has been identified that the unit does contain a CPLD which meets the definition of a digital device under the guidance of NEI 01-01."

Potentially affected plants include Browns Ferry, Ginna, Millstone, Nine Mile Point, North Anna, Ft. Calhoun, **Perry**, River Bend, South Texas Project, and St. Lucie.

Power Reactor	Event Number: 51061
Facility: DAVIS BESSE Region: 3 State: OH Unit: [1] [] [] RX Type: [1] B&W-R-LP NRC Notified By: JOHN PHILLIPPE HQ OPS Officer: JOHN SHOEMAKER	Notification Date: 05/09/2015 Notification Time: 19:45 [ET] Event Date: 05/09/2015 Event Time: 18:55 [EDT] Last Update Date: 05/09/2015
Emergency Class: UNUSUAL EVENT 10 CFR Section:	Person (Organization): RICHARD SKOKOWSKI (R3DO)

50.72(a) (1) (i) - EMERGENCY DECLARED 50.72(b)(3)(iv)(A) - VALID SPECIF SYS ACTUATION 50.72(b)(2)(iv)(B) - RPS ACTUATION - CRITICAL	PEDERSON (R3RA) JENNIFER UHLE (NRR) SCOTT MORRIS (NRR) JEFFERY GRANT (IRD)
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Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
1	M/R	Y	100	Power Operation	0	Hot Standby

Event Text

UNUSUAL EVENT DECLARED DUE TO STEAM LEAK IN THE TURBINE BUILDING

At 1855 EDT, a steam leak from the #1 moisture separator reheater in the turbine building was reported to the control room. Operators performed a rapid down power to approximately 30% at which time the reactor was manually tripped. At 1910 EDT an Unusual Event was declared. The steam feed rupture control system was manually initiated (this includes actuation of both turbine-driven Auxiliary Feedwater Pumps) and the steam leak was isolated. Station air compressor #2 (non-safety related) tripped. Station air compressor #1 automatically started.

The unit is currently in mode 3 (Hot Standby) and stable. Steam is being discharged through the atmospheric dumps as a means of decay heat removal. There is no known primary to secondary leakage. All systems functioned as expected. There were no reported injuries and personnel accountability is in progress.

The licensee notified state and local agencies and informed the NRC Resident Inspector.

Notified DHS SWO, FEMA Ops Center, NICC Watch Officer and FEMA NWC and NuclearSSA via email.

* * * UPDATE AT 2201 EDT ON 5/9/15 FROM GERRY WOLF TO S. SANDIN * * *

The licensee exited the Unusual Event at 2121 EDT based on the following:

"At 2121 hours EDT, the Unusual Event at the Davis-Besse Nuclear Power Station was terminated. The steam leak has been isolated and plant conditions are stable. Cooling continues to be maintained via the auxiliary feedwater system.

"The initiation of auxiliary feedwater at the start of the event is reportable as a Specified System Actuation per 10CFR50.72(b)(3)(iv)(A)."

The licensee notified state and local agencies and informed the NRC Resident Inspector.

Notified R3DO (Skokowski), NRR EO (Morris) and IRD (Grant).

Notified DHS SWO, FEMA Ops Center, NICC Watch Officer and FEMA NWC and NuclearSSA via email.

Part 21	Event Number: 51063
Rep Org: BNL INDUSTRIES, INC. Licensee: BNL INDUSTRIES, INC. Region: 1 City: VERNON State: CT County: License #: Agreement: N Docket: NRC Notified By: JEFFREY JACOBS HQ OPS Officer: RICHARD SMITH	Notification Date: 05/11/2015 Notification Time: 13:59 [ET] Event Date: 05/01/2015 Event Time: [EDT] Last Update Date: 05/11/2015
Emergency Class: NON EMERGENCY 10 CFR Section: 21.21(d)(3)(i) - DEFECTS AND NONCOMPLIANCE	Person (Organization): HIRONORI PETERSON (R3DO) BLAKE WELLING (R1DO) PART 21/50.55 REACTO (EMAI)

Event Text

PART 21 - DEFECT IDENTIFIED 6 INCH GEAR OPERATED BALL VALVES

The following is excerpted from a reported submitted by BNL Industries, INC.:

"On May 1, 2015 BNL identified a discrepant condition in which material was identified by an audited third-party material testing facility as meeting the requirements of ASME SA-105, despite having a test yield strength of 35.6ksi (vice 36ksi required by the specification).

"The discrepant material has already been manufactured and incorporated into a basic component and shipped to the end users.

"Based on BNL engineering evaluations of the design criteria, code requirements and supplied material, BNL has determined there to be no safety hazard. Engineering evaluations EE-A150217 Rev. 0 and EE-A141009-23 Rev. 0 are being supplied to the purchasers.

"First Energy - Perry - 1 endcap supplied, P/N GBV-B2-60-0020 PC. 3, Serial Number A150217-1-1 (Trace Number 547G-1)

"First Energy - Beaver Valley - 7 endcaps supplied, GBV-B2-60-0112 PC. 3, Serial Numbers A141009-23-3 (2pcs.), A141009-23-4 (2pcs.), A141009-23-5 (2pcs.), A141009-23-6 (1 pc.) (Trace Number 547G-1)"

Power Reactor	Event Number: 51064
Facility: BEAVER VALLEY Region: 1 State: PA Unit: [] [2] [] RX Type: [1] W-3-LP,[2] W-3-LP NRC Notified By: MARK PHILLIPS HQ OPS Officer: DANIEL MILLS	Notification Date: 05/11/2015 Notification Time: 20:38 [ET] Event Date: 05/11/2015 Event Time: 16:29 [EDT] Last Update Date: 05/11/2015
Emergency Class: NON EMERGENCY	Person (Organization):

10 CFR Section: 50.72(b)(3)(xiii) - LOSS COMM/ASMT/RESPONSE	BLAKE WELLING (R1DO)
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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

LOSS OF POWER TO DIGITAL RADIATION MONITORING SYSTEM

"At 1629 EDT on May 11, 2015, Beaver Valley Power Station (BVPS) Unit 1 (Mode 6 Refueling) opened circuit breaker PCB-92 to de-energize system service transformer 1A due to an emergent issue with a transformer bushing. This resulted in a loss of power to the ERF [Emergency Response Facility] substation which powers various plant support equipment at both units. The BVPS Unit 2 Digital Radiation Monitoring System (DRMS) was non-functional for approximately 21 minutes. This was a loss of radiation monitor capability to alarm and indicate in the control room. Following power restoration to the ERF substation, the radiation monitor system was restored at 1650 EDT. Both Unit 1 and Unit 2 remain stable.

"Since the BVPS Unit 2 DRMS was non-functional, this event resulted in a loss of emergency assessment capability and is reportable per 10 CFR 50.72(b)(3)(xiii).

"The NRC Resident Inspector has been notified."

Power Reactor	Event Number: 51080
Facility: FERMI Region: 3 State: MI Unit: [2] [] [] RX Type: [2] GE-4 NRC Notified By: MARK EGHIGIAN HQ OPS Officer: STEVE SANDIN	Notification Date: 05/19/2015 Notification Time: 15:22 [ET] Event Date: 05/19/2015 Event Time: 11:30 [EDT] Last Update Date: 05/19/2015
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(xi) - OFFSITE NOTIFICATION	Person (Organization): MICHAEL KUNOWSKI (R3DO)

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 ON-SITE SANITARY SEWER LEAK

"At approximately 1130 EDT on May 19, 2015, Fermi-2 determined that a sanitary sewer system leak had occurred from underground lines beneath the parking lot near Warehouse E. Some of the sewage entered the storm sewer. The leak has been secured. A local sanitary contractor is currently responding to the site to clean the affected areas. The duration and quantity of the spill is unknown, however, current estimates of the sewage entering the storm

sewer are less than 200 gallons. Reports to the Michigan Department of Environmental Quality (MDEQ), the local health department and the local news media are required in accordance with Michigan Act 451, Public Acts of 1994, as amended, Part 31, Section 342.3112a. Since reports are in the process of being made, this is considered a News Release or Notification of Other Government Agency, and therefore is reportable under 10 CFR 50.72(b)(2)(xi).

"The NRC Resident Inspector has been notified."

The release was onsite only and did not reach navigable waters.

Power Reactor	Event Number: 51084
Facility: PERRY Region: 3 State: OH Unit: [1] [] [] RX Type: [1] GE-6 NRC Notified By: TONY KLEDZIK HQ OPS Officer: DONALD NORWOOD	Notification Date: 05/22/2015 Notification Time: 09:24 [ET] Event Date: 03/26/2015 Event Time: 16:29 [EDT] Last Update Date: 05/22/2015
Emergency Class: NON EMERGENCY 10 CFR Section: 50.73(a)(1) - INVALID SPECIF SYSTEM ACTUATION	Person (Organization): MICHAEL KUNOWSKI (R3DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
1	N	N	0	Defueled	0	Defueled

Event Text

60-DAY OPTIONAL TELEPHONIC NOTIFICATION FOR AN INVALID PRIMARY CONTAINMENT AND DRYWELL ISOLATION VALVE ACTUATION

"This 60-day telephone notification is being made per the reporting requirements specified by 10 CFR 50.73(a)(2)(iv)(A) and 10 CFR 50.73(a)(1) to describe an invalid actuation of a containment isolation signal affecting more than one system.

"At 1629 EDT on March 26, 2015, the plant received a Division 1 balance of plant outboard containment and drywell isolation signal. The isolation signal was received while removing fuses to establish a clearance for the replacement of an average power range monitor bypass switch. The removal of two fuses removed power to the manual initiation logic resulting in an isolation signal.

"The following component actuations occurred: valves 1P51F0150 and 1P51F0652, isolating service air to the containment and drywell; valves 1G61F0155 and 1G61F0170, isolating the containment and drywell floor drain sumps; valves 1D17F0071A and 1D17F0079A, isolating the drywell radiation monitor; valves 1D17F0081A and 1D17F0089A, isolating the containment radiation monitor; valve 1P11F0080, isolating the containment pools drain; valves 1P50F0060 and 1P50F0150, isolating the containment vessel chilled water system; valves 1P53F0070 and 1P53F0075, isolating the upper and lower airlock local leak rate air supply; valves 1P52F0160 and 1P52F0170, isolating the upper and lower airlock air supply;

valve 1P22F0015, isolating mixed bed water to the drywell; and valve 1P54F0395, isolating fire protection carbon dioxide to the drywell.

"This event is considered an invalid system actuation reportable under 10 CFR 50.73(a)(2)(iv)(A).

"The isolation was not initiated in response to actual plant conditions or parameters, and was not a manual initiation. Therefore, this notification is provided via a 60-day optional phone call in accordance with 10 CFR 50.73(a)(1) instead of submitting a written Licensee Event Report.

"The event meets reporting criteria specified in 10 CFR 50.73(a)(2)(iv)(B)(2) as a general containment isolation valve signal affecting containment isolation valves in more than one system. All affected systems functioned as expected in response to the loss of power to the manual initiation logic. The valves were reopened in accordance with plant procedures. The inadvertent isolation signal was the result of a human performance error.

"The NRC Resident Inspector has been notified."

News

NRC approves proposed Mich. reactor

Hannah Northey, E&E reporter

Published: Thursday, April 30, 2015

Article updated at 4:24 p.m. EDT.

The Nuclear Regulatory Commission today signed off on DTE Energy Co.'s proposal to build and operate a new nuclear facility in Michigan, even though the utility hasn't confirmed it will do so.

NRC Chairman Stephen Burns and three commissioners -- Kristine Svinicki, William Ostendorff and Jeff Baran -- unanimously [found](#) an NRC staff review of the application was adequate for DTE to receive a license to build a reactor adjacent to its Fermi 2 reactor in Newport, Mich.

The NRC's decision clears the way for DTE to build and operate the unit, but the utility has instead said the project will feed into long-term plans.

"With this license, DTE Energy now possesses the most diverse, comprehensive slate of options to plan for Michigan's energy future," said Steven Kurmas, DTE Energy's president and chief operating officer, in a statement. "The potential of additional nuclear energy gives us the option of reliable, base-load, generation that does not emit greenhouse gases."

Guy Cerullo, a spokesman for DTE, said factors that could play into the construction of a reactor in the future include cost, carbon regulation and customer demand. For now, the utility is planning to replace retiring coal plants with gas and renewables, and nuclear will remain a long-term option, he added.

NRC staff for the past six years has been examining the technical, safety and environmental aspects of DTE's proposed 1,500-megawatt Economic Simplified Boiling Water Reactor.

The NRC made today's approval contingent upon several Fukushima-related safety upgrades, including instrumentation in spent fuel pools and monitoring the plant's steam dryer during startup.

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

Source: <http://www.eenews.net/eenewspm/2015/04/30/stories/1060017763>

The Columbus Dispatch
Environment-U.S. House

Money OK'd for cleanup of Piketon uranium plant
By Hope Yen
ASSOCIATED PRESS

Saturday May 2, 2015 7:57 AM

WASHINGTON —The House gave final approval yesterday to additional federal money for the decontamination and decommissioning of a Cold War-era uranium plant in southern Ohio, although its fate is uncertain because of a presidential veto threat.

The measure provides \$213 million specifically for cleanup of the former Portsmouth Gaseous Diffusion Plant in Piketon. That's \$48 million above President Barack Obama's budget request and an amount similar to last year's, when Congress stepped in with a last-minute cash infusion to help stave off layoffs and complete the redevelopment.

Republican Reps. Brad Wenstrup and Bill Johnson, who have helped push for the additional dollars, said in a statement yesterday that the bill's passage is good news for southern Ohio.

"This is a big step for these projects," Wenstrup said. "Because of the early and aggressive efforts to highlight the important work being done at Piketon, the House was able to secure full funding levels very early in the appropriations process."

Still, actual funding remains uncertain. The GOP-controlled House approved the money as part of a broader water and energy package that the White House says will be likely vetoed by Obama because it "drastically underfunds" investments to clean energy.

The Senate has yet to release its proposal.

Ohio lawmakers say the federal money is critical to help provide job security at the 1,800-employee plant, which provides some of the best-paying jobs in a pocket of high

unemployment in the state. In December, hundreds of people at that plant braced for layoffs until Congress approved additional money.

toledoBlade.com

Steam-leak repairs keep Davis-Besse shut down

5/11/2015

BLADE STAFF

OAK HARBOR, Ohio

—

Davis-Besse nuclear power plant remained shut down Sunday after a steam leak Saturday night.

FirstEnergy Corp. shut down the power plant and declared the lowest level emergency in response to the steam leak, which came from the nonradioactive portion of the plant and does not involve the nuclear reactor, Jennifer Young of FirstEnergy said.

The company is examining the pipe that must be repaired to fix the leak, she said. The plant will remain shut down until repairs are complete.

“We do not expect this to be a lengthy shut down,” Ms. Young said.

Electric service for the company’s customers has not been affected because FirstEnergy can draw from other sources, she said.

“There should be no impact to customers,” she said. “They shouldn’t notice any difference because the plant is shut down.”

Davis-Besse personnel discovered the leak just before 7 p.m. and began a shutdown of the plant, Ms. Young said. The utility declared an “unusual event,” the lowest emergency category, notified the Nuclear Regulatory Commission, and asked on-call support staff to report for duty.

“We make these declarations out of an abundance of caution,” Ms. Young said.

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The Columbus Dispatch

Environment

Income-guarantee request envelops Davis-Besse nuclear plant in controversy again

By Dan Gearino

The Columbus Dispatch

Tuesday May 19, 2015 2:06 AM

Besse Nuclear Power Station first went online in 1977. The plant, now owned by FirstEnergy, has been part of fierce debates for decades. The current controversy surrounds a request for an income guarantee from state regulators.

In a debate over an alleged “coal bailout” for power plants, Davis-Besse Nuclear Power Station doesn’t quite fit. And yet, it is among the seven Ohio plants —and the only one that doesn’t run on coal —whose owners are seeking income guarantees from state regulators.

This is the latest in a lifetime of controversy for the FirstEnergy-owned plant, which produced its first electricity in 1977.

“The nuclear industry cannot operate with profit in the marketplace, so they’re looking for these different schemes,” said Allison Fisher, outreach director on energy issues for Public Citizen, a nonprofit consumer advocate. “They’re trying to find a way to shift the risk from the company to the consumer.”

Hearings will begin next month for FirstEnergy’s request for an income guarantee, a case before the Public Utilities Commission of Ohio that already has thousands of pages of testimony and dozens of participants.

The PUCO has ruled on similar proposals from American Electric Power and Duke Energy, rejecting the plans but saying that their underlying concept was legal; both decisions are being appealed. AEP also has a separate proposal that is still pending. As FirstEnergy prepares for what will be a bruising hearing, company officials are saying Davis-Besse’s electricity is a type of “green” power, with almost zero harmful emissions, and warning that the plant may close without the stability of an income guarantee.

“Davis-Besse produces enough carbon-free electricity to energize nearly a million households around the clock, which will help Ohio affordably meet” pending federal carbon standards, said Doug Colafella, a FirstEnergy spokesman, in an email. “The plant also helps to keep electric rates in check by ensuring that Ohio has a diverse set of fuel sources available for generating electricity.”

The FirstEnergy plan includes Davis-Besse, the coal-fired W.H. Sammis plant and the company’s share of the jointly owned coal-fired plants of Ohio Valley Electric Corp., or OVEC.

Under the proposal, the plants would have a guarantee of enough income to cover costs plus a profit. If the actual income is less than a specified level, then consumers would pay the difference through a charge on their bills. If the plants exceed the profit targets, then consumers would get credits. In the short run, this would lead to an extra charge of a few dollars per month, FirstEnergy says. In the long run, the company says consumers will receive a net savings. Opponents, including environmentalists and consumer advocates, have taken issue with the forecast of savings and say the costs will far outstrip any benefits. Davis-Besse has been part of fierce debates for decades. The plant, developed by Toledo Edison, broke ground in the early 1970s and went online in 1977. From then on, the plant has faced a series of safety concerns and mechanical problems. This led to high bills for Toledo-area customers.

“The problem with Davis-Besse in its early years is, it didn’t work very well,” said Bill Spratley, who was Ohio Consumers’ Counsel, a consumer advocate, when the plant opened. He is now executive director of Green Energy Ohio, an advocate for renewable energy. “One of the reasons that rates were so high is, they were having to replace the power from this unit that was supposed to be working better.”

Toledo Edison went through two mergers and is now part of FirstEnergy, the Akron-based company that also owns Perry Nuclear Generating Station in northeastern Ohio, the state’s only other nuclear plant.

The current proposal includes only a small share of FirstEnergy’s Ohio plants. AEP’s plan also covers some, but not all, of its Ohio plants.

Most of the debate over the current proposals has been about coal and whether the state should go out of its way to preserve coal-fired power plants. Davis-Besse has been almost an afterthought, which is surprising to people who were involved in past fights about the plant. Spratley, who jokingly calls the 1980s debates “the nuclear wars,” thinks that nuclear energy will likely make a comeback, but that it may not involve some of the older plants that have had so many problems. He sums up Davis-Besse’s history as “kind of a sad tale.”
dgearino@dispatch.com
@DanGearino

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

RIS 2015-07, “Process for Scheduling and Allocating Resources in FY 2017 for the Review of New Licensing Applications for Large Light-Water Reactors and Small Modular Reactors,” dated May 11, 2015

ADAMS Accession Number: ML14101A166

IN 2015-05, “Inoperability of Auxiliary and Emergency Feedwater Auto-Start Circuits on Loss of Main Feedwater Pumps”, dated May 12, 2015

ADAMS Accession Number: ML15008A493

Response Requirements for Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Flooding Hazard Integrated Assessments for Recommendation 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident

ADAMS Accession No.: ML15112A051

Summary of March 27, 2015 Conference Call - Round 3 SAMA RAIs

ADAMS Accession No.: ML15132A427

FirstEnergy

FirstEnergy Nuclear Operating Fleet - Project Manager Reassignment

ADAMS Accession No.: ML15141A383

Davis-Besse

Notice of Availability of the Final Supplemental Environmental Impact Statement for Davis Besse Nuclear

ADAMS Accession No. ML14323A628

Notice of Availability of the Final Supplemental Environmental Impact Statement for Davis Besse Nuclear Power Station, Unit 1

ADAMS Accession No. ML14323A671

Notice of Availability of the Final Supplemental Environmental Impact Statement for Davis Besse Nuclear

ADAMS Accession No. ML14325A492

SCHEDULE REVISION FOR THE REVIEW OF THE DAVIS-BESSE NUCLEAR POWER STATION LICENSE RENEWAL APPLICATION (TAC NO. ME4613)

ADAMS Accession No.: ML15113A107

Notice of Availability of the Final Plant-Specific Supplement 52 to the Generic Environmental Impact Statement for License Renewal of Nuclear Plants Regarding Davis-Besse Nuclear Power Station, Unit 1

ADAMS Accession No.: ML15070A392 (Letter)

ADAMS Accession No.: ML15070A400 (Federal Register Notice)

Notice of Availability of the Final Plant-Specific Supplement 52 to the Generic Environmental Impact Statement for License Renewal of Nuclear Plants Regarding Davis-Besse Nuclear Power Station, Unit 1

ADAMS Accession No. ML15070A586

DAVIS-BESSE NUCLEAR POWER STATION–NRC PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION REPORT 05000346/2015007

ADAMS Accession Number: ML15127A262

Subject: Davis-Besse Nuclear Power Station, Unit 1 - Project Manager Reassignment

ADAMS Accession No.: ML15127A600

PUBLIC MEETING/OPEN HOUSE TO DISCUSS NRC ACTIVITIES, NUCLEAR POWER ISSUES, AND 2014 END-OF-CYCLE PERFORMANCE ASSESSMENT OF DAVIS-BESSE NUCLEAR POWER STATION

ADAMS Accession Number: ML15141A363

Davis-Besse Nuclear Power Station, Unit No. 1 - Request for Additional Information Related to Extension of Type C Test Interval (TAC NO. MF5433)(L-14-407)

Accession Number: ML15127A624

Inspection Report 05000346/2014008: Davis-Besse Nuclear Power Station - Inspection of Apparent Cause Evaluation Efforts for Propagation of Laminar Cracking in Reinforced Concrete Shield Building

ADAMS Accession Number ML15148A489

Supplemental Information for the Review of the Davis-Besse Nuclear Power Station, Unit No. 1, Reactor Vessel Internals Inspection Plan (TAC No. ME4640) and License Renewal Application Amendment No. 56.

ADAMS Accession No.: ML15140A705

FirstEnergy Nuclear Operating Company Response Opposing Motion To Reopen And "Placeholder" Contention Regarding Continued Storage Rule.

ADAMS Accession No.: ML15124A765

Revision 1 to ANP-3290, "Reactor Vessel Internals Inspection Plan for the Davis-Besse Nuclear Power Plant, Unit No. 1

ADAMS Accession No.: ML15113B133

Revision 0 to ANP-3285, "Confirmation of Stress Relief for the DB-1 Core Support Shield Upper Flange Weld" and Revision 0 to ANP-3359NP, "Davis-Besse Reactor Vessel Internals License Renewal Scope and MRP-189, Revision 1 Comparison." (Non-Proprietary)

ADAMS Accession No.: ML15113B134

DB FSEIS Tribal Letters- Notice Of Availability Of The Final Supplemental Environmental Impact Statement For Davis-Besse Nuclear Generating Station, Units 1 And 2.

ADAMS Accession No.: ML14325A492

NRC Staff Answer to Beyond Nuclear's Hearing Request and Petition to Intervene and Motion to Reopen the Record in the License Renewal Proceeding for Davis-Besse Nuclear Power Plant.

ADAMS Accession No.: ML15121A499

Perry

PUBLIC OPEN HOUSE TO DISCUSS THE 2014 END-OF-CYCLE PLANT PERFORMANCE ASSESSMENT OF PERRY NUCLEAR POWER PLANT

ADAMS Accession Number: ML15135A212

PERRY NUCLEAR POWER PLANT INTEGRATED INSPECTION REPORT 05000440/2015001

ADAMS Accession Number: ML15135A017

Perry Nuclear Power Station, Unit 1 - Project Manager Reassignment

ADAMS Accession No.: ML15133A355

NUREG-0884, Final Environmental Statement Related to the Operation of Perry Nuclear Power Plant, Units 1 and 2.

ADAMS Accession No.: ML15134A060

IR 05000440/2015001, on 01/01/2015-03/31/2015, Perry Nuclear Power Plant; Fire Protection and Inservice Inspection Activities.

ADAMS Accession No.: ML15135A017

Perry - Revision 20 to Offsite Dose Calculation Manual.

ADAMS Accession No.: ML15125A122

Perry - Revision 19 to Offsite Dose Calculation Manual.

ADAMS Accession No.: ML15125A121

Perry - 2014 Annual Environmental and Effluent Release Report.

ADAMS Accession No.: ML15125A120

2015 Perry Nuclear Power Plant Initial License Examination Miscellaneous Correspondence.

ADAMS Accession No.: ML15114A476

FOIA/PA-2015-0167 - Resp 1 - Final.

ADAMS Accession No.: ML15106A616

FOIA/PA-2014-0392 - Resp 2 - Interim, Group B (Records Already Publicly Available).

ADAMS Accession No.: ML15114A404

2015 Perry Nuclear Plant Initial License Exam Outline Submittal Letter

ADAMS Accession No.: ML15107A457

Beaver Valley

Beaver Valley Power Station, Unit NOS. 1 and 2 - Correction to Amendment NOS 293 and 180 Regarding Extension of Containment Leakage Test Frequency (TAC NOS. MF3985 AND MF3986)

ADAMS Accession No.: ML15112B087

Beaver Valley Power Station - NRC Integrated Inspection Report 05000334/2015001 & 05000412/2015001 & Independent Spent Fuel Storage Installation (ISFSI) Report No. 07201043/2015001

ADAMS Accession No.: ML15127A331

NRC MATERIAL CONTROL AND ACCOUNTING PROGRAM INSPECTION REPORT NOS. 05000334/2015406 AND 05000412/2015406

ADAMS Accession No. ML15127A540

Beaver Valley Power Station, Units 1 and 2 - Request for Additional Information Regarding License Amendment Request to Adopt National Fire Protection Association Standard 805 (TAC NOS. MF3301 & MF3302)

ADAMS Accession No.: ML15125A416

REQUALIFICATION PROGRAM INSPECTION BEAVER VALLEY-POWER STATION, UNIT 2
ML15141A002

Beaver Valley Power Station, Unit No. 2 - Review of the 2014 Steam Generator Tube Inspection Report (TAC NO. M4620)

ADAMS Accession No.: ML15132A496

Beaver Valley Power Station, Unit No. 2 - Issuance of Amendment Re: Revise Technical Specification 4.3.2, Spent Fuel Storage Minimum Inadvertent Drainage Elevation (TAC NO. MF4213)

ADAMS Accession No.: ML15086A251

Summary of April 28, 2015, Meeting Between Representatives of the U.S. Army Corps of Engineers, U.S. Nuclear Regulatory Commission, and FirstEnergy Nuclear Operations Co. to Discuss Flooding Analysis Associated with Beaver Valley Power Station, Units 1 and 2

ADAMS Accession No.: ML15135A298

Beaver Valley, Units 1 and 2 - 2014 Annual Radiological Environmental Operating Report.

ADAMS Accession No.: ML15125A155

Beaver Valley, Units 1 and 2 - 2014 Radioactive Effluent Release Report.

ADAMS Accession No.: ML15125A153

Beaver Valley, Units 1 and 2 - 2014 Annual Environmental Operating Report (Non-Radiological).

ADAMS Accession No.: ML15125A156

Beaver Valley, Units 1 and 2, License Amendment Request to Modify Emergency Preparedness Plan Regarding the Emergency Planning Zone Boundary (TAC Nos. MF4765 and MF4766).

ADAMS Accession No.: ML14336A520

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

ADAMS Accession No.: ML15121A021

Beaver Valley, Unit 2, SG-CCOE-14-4-NP, Revision 1, "Examination of Steam Generator Tubes Removed," Part 2 of 4.

ADAMS Accession No.: ML15119A105

Portsmouth Facilities

Revisions 67 & 68 to Portsmouth Certification Application - Quality Assurance Program through Supplemental Environmental Information

ADAMS Accession No.: ML033450163

ACP 2015 LPR Presentation.

ADAMS Accession No.: ML15124A708

04/21/2015 Summary of Public Meeting - Licensee Performance Review for American Lead Cascade Facility Docket Number 70-7003.

ADAMS Accession No.: ML15124A730

American Centrifuge Operating LLC, Transmittal of Security Incident Log per 10CFR 95.57(b).

ADAMS Accession No.: ML15140A215

April 28, 2015 Summary of the Category 3 Public Meeting to discuss Revision 1 of the Draft Regulatory Basis to clarify the Requirements of Title 10 of the Code Of Federal Regulations, Part 21.

ADAMS Accession No.: ML15139A513

ACP 2015 LPR Presentation.
ADAMS Accession No.: ML15124A708

Lead Cascade LPR Slides.
ADAMS Accession No.: ML15124A709

American Centrifuge Lead Cascade Facility, and American Centrifuge Plant - Submittal for Review and Approval of a Changed Page for the Security Program.
ADAMS Accession No.: ML15121A820

Fermi 1

No reports

Fermi 2

SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON NOVEMBER 25, 2014, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY, CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF4222)
ADAMS Accession Number: ML15104A514

SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON NOVEMBER 25, 2014, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY, CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF4222)
ADAMS Accession Number: ML15104A514

FERMI, UNIT 2 - PLAN FOR THE ONSITE AUDIT REGARDING IMPLEMENTATION OF MITIGATING STRATEGIES AND RELIABLE SPENT FUEL POOL INSTRUMENTATION RELATED TO ORDERS EA-12-049 AND EA-12-051 (TAC NOS. MF0770 AND MF0771)
ADAMS Accession No.: ML15114A445

FERMI, UNIT 2 - REQUEST FOR ADDITIONAL INFORMATION ASSOCIATED WITH NEAR-TERM TASK FORCE RECOMMENDATION 2.1, SEISMIC HAZARD AND SCREENING REPORT (TAC NO. MF3861)
ADAMS Accession No.: ML15114A369

Fermi 2 - Issuance of Amendment RE: Cyber Security Plan Implementation Schedule (Tac No. MF4366)
ADAMS Accession No.: ML15096A043

FERMI POWER PLANT, UNIT 2-NRC INTEGRATED INSPECTION REPORT
05000341/2015001
ADAMS Accession Number: ML15132A329

SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON MARCH 17, 2015, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY, CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF4222)

ADAMS Accession Number: ML15098A175

SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON DECEMBER 15, 2014,
BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC
COMPANY, CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF4222)
ADAMS Accession Number: ML15113A282

SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON APRIL 10, 2015, BETWEEN
THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY,
CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF4222)
ADAMS Accession Number: ML15117A564

SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON APRIL 7, 2015, BETWEEN THE
U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY,
CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF4222)
ADAMS Accession Number: ML15098A302

SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON MARCH 25, 2015, BETWEEN
THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY,
CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF4222)
ADAMS Accession Number: ML15104A388

SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON MARCH 24, 2015, BETWEEN
THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY,
CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF4222)
ADAMS Accession Number: ML15104A504

SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON DECEMBER 8, 2014,
BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC
COMPANY, CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO.
ADAMS Accession Number: ML15113A198

REQUESTS FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE FERMI 2
LICENSE RENEWAL APPLICATION – SET 34 (TAC NO. MF4222)
ADAMS Accession Number: ML15126A004

SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON NOVEMBER 17, 2014,
BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC
COMPANY, CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF4222)
ADAMS Accession Number: ML15104A632

FERMI POWER PLANT, UNIT 2, NRC MATERIAL CONTROL AND ACCOUNTING PROGRAM
INSPECTION REPORT 05000341/2015404
ADAMS Accession Number: ML15139A173

PUBLIC OPEN HOUSE TO DISCUSS THE 2014 END-OF-CYCLE PLANT PERFORMANCE
ASSESSMENT FOR FERMI POWER PLANT, UNIT 2
ADAMS Accession Number: ML15140A090

SUMMARY OF TELEPHONE CONFERENCE CALLS HELD ON APRIL 8, 2015, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY, CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF4222)
ADAMS Accession No.: ML15104A303

REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE FERMI 2 LICENSE RENEWAL APPLICATION – SET 33 (TAC NO. MF4222)
ADAMS Accession No.: ML15139A461

REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE FERMI 2 LICENSE RENEWAL APPLICATION – SET 35 (TAC NO. MF4222)
ADAMS Accession No.: ML15134A072

SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON MARCH 4, 2015, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY, CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF4222)
ADAMS Accession No.: ML15092A224

SUMMARY OF TELEPHONE CONFERENCE CALLS HELD ON DECEMBER 5, 2014, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY, CONCERNING RAIs PERTAINING TO THE FERMI 2 LRA (TAC NO. MF 4222)
ADAMS Accession No.: ML15119A058

Fermi 2 - Audit of the Licensee's Management of Regulatory Commitments (TAC No. MF5553)
ADAMS Accession No.: ML15139A301

NUREG-0769, Addendum No. 1, Final Environmental Statement Related to the Operation of Enrico Fermi Atomic Power Plant, Unit No. 2.
ADAMS Accession No.: ML15134A059

Fermi 2, Submittal of Revision 18 to the Updated Final Safety Analysis Report, 10 CFR 50.59 Evaluation Summary Report, Commitment Management Report and Revision to the Technical Requirements Manual and the Technical Specifications Bases.
ADAMS Accession No.: ML12318A302

Summary Record of Decision U.S. Nuclear Regulatory Commission Docket No 52-033.
ADAMS Accession No.: ML15120A221

2014/07/31 Fermi 2 LRA - Draft Environmental Audit Needs
ADAMS Accession No.: ML15041A658

2014/10/01 Fermi 2 LRA - Environmental Draft RAIs
ADAMS Accession No.: ML15041A821

2014/11/10 Fermi 2 LRA - RE: Environmental RAIs for the Fermi 2 LRA
ADAMS Accession No.: ML15040A306

Fermi 2 - Annual Radioactive Effluent Release Report and Radiological Environmental Operating Report for 2014.
ADAMS Accession No.: ML15120A353

Fermi 2 Revision 19 to Updated Final Safety Analysis Report Chapter 9 - Redacted. Part 1 of 2.
ADAMS Accession No.: ML15114A381

Fermi 2 Revision 19 to Updated Final Safety Analysis Report, Chapter 2 - Redacted.
ADAMS Accession No.: ML15114A382

Fermi 2 Revision 19 to Updated Final Safety Analysis Report Chapter 9 - Redacted. Part 2 of 2.
ADAMS Accession No.: ML15114A327

Fermi 3

Fermi, Unit 3 - Appendix A Technical Specifications.
ADAMS Accession No.: ML15084A450

DTE Initial Disclosures.

ADAMS Accession No.: ML15121A863

NRC Staff Initial Disclosures.

ADAMS Accession No.: ML15121A139
