

To: Jim Mehl, ERU Supervisor
From: Zack Clayton, Rad Coordinator
Subject: June Monthly Report
Date: July 9, 2013

Beans

Training: 1
Drills: 0
Meetings: 5
Technical Assistance: 2
Public Assistance: 1

Web Page Views: There were 70 page views in June.

Coming Attractions

7/8 URSB
7/10 Vibrant Response Dose Group
7/24 Vibrant Response final meeting
7/31 WORKING Group
8/9-16 Vibrant Response 13-2 exercise

Facility updates

Davis-Besse Nuclear Power Station

Davis-Besse operated at full power until June 29 at 2120. A problem in one of the Reactor coolant pumps initiated and automatic plant shut down. Plant personnel are investigating a possible electrical problem. There were no Event reports.

Perry Nuclear Power Plant

Perry began reducing power from 100% on June 4.

Perry completed their investigation of the situation with the goldfish in the controlled area on June 7. After reviewing logs and videos and conducting interviews six insulation contractors were identified as being responsible or involved. The union representing the contractors and FENOC worked together to resolve the situation.

On Jun 14, Perry Nuclear Power Plant began decreasing power to allow inspection of leakage that has been detected in the dry well surrounding the reactor. The leak rate is approximately ½ gallon a minute which is well below their required action point of 5 gallons per minute. The plant has decided to lower power and identify the source of the leakage as they have noted the rate has been slowly increasing since they have returned to power following the outage. Depending on the results of the inspection it may be necessary for the plant go offline in order to affect repairs.

On June 15, 2013 at 2250 EDT, a leak was identified and was subsequently determined to require a plant shutdown in accordance with Technical Specification 3.4.5. Perry had come down in power to make a drywell entry and investigate drywell leakage indications. Steam was observed to be coming from a vent line that comes off the top of the recirculating flow control valve. The licensee was unable to characterize the leak rate other than a small leak. The licensee stated that the steam appeared to be coming from a weld location where the vent line comes out of the flow control valve which would classify it as pressure boundary leakage. Perry was shut down for this repair from June 16 to June 21. See Event No. 49121.

Beaver Valley Power Station

Beaver Valley Unit I

Unit I operated at full power.

Beaver Valley Unit II

Unit II started June in shut down due to a vibration in the turbine generator. While Unit 2 was shut down BV performed other maintenance work. Unit 2 started up on June 10.

On June 14 Unit 2 declared an Unusual Event due to a discharge of CO₂ in the turbine bay. Additional contact with the plant and the United States Nuclear Regulatory Commission (NRC) confirms there were no indications of fire. All personnel were safely evacuated from the building and no plant systems were affected. There was no release of radioactive materials. The Unusual Event Classification was terminated at 0955. Subsequent investigation showed that the event was caused by an electrical short that triggered the fire system. See Event No. 49116.

DTE

Fermi II

Fermi II operated at 68 per cent power for June 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

- 6/4 Working group. Agency and Plant updates, Initiative status updates and review of the after action items from the Davis-Besse exercise. Most of the after action items concerned communication issues.
- 6/5-7 RAT Training. Team exercises and training at OSU Stone Laboratory. Sandusky Water Treatment Plant and Ottawa Co EMA presentations, field sampling work, and presentation of State Radiological Annex for ESF-10 draft. Bart Ray presented Dose Assessment concepts on Friday.
- 6/20 Vibrant Response planning
- 6/25 All Staff at Riffe Center
- 6/26 Working Group. Preparation for the July URSB Meeting.

Office Issues

The draft for the IND annex has been released 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.

Specific items for an SOP are being developed.

The web tracking statistics have not been accurate for several months as the monthly reports page has not been included in the statistics.

Statistics, NRC Reports, News, and ADAMS References

Operating Power Levels

June

Date	BV1	BV2	DB	Perry	Fermi2	
1	100	0	100	100	68	BV2 down due to vibration in turbo-generator
3	100	0	100	100	68	
8	100	0	100	70	68	
9	100	0	100	60	68	
10	100	58	100	62	68	BV2 exiting outage
11	100	100	100	81	68	
12	100	100	100	97	68	
13	100	100	100	94	68	
15	100	100	100	30	68	
16	100	100	100	0	68	Perry down due to tech spec leak in RPVB
17	100	100	100	0	68	
21	100	100	100	2	68	
24	100	100	100	73	68	
29	100	100	100	85	68	
30	100	100	0	100	68	DB trip due to reactor coolant pump

Plant Reports

!!!! THIS EVENT HAS BEEN RETRACTED. THIS EVENT HAS BEEN RETRACTED !!!!	
Part 21	Event Number: 48585
Rep Org: GE HITACHI NUCLEAR ENERGY Licensee: GE HITACHI NUCLEAR ENERGY Region: 1 City: WILMINGTON State: NC County: License #: Agreement: Y Docket: NRC Notified By: DALE E. PORTER HQ OPS Officer: STEVE SANDIN	Notification Date: 12/13/2012 Notification Time: 08:41 [ET] Event Date: 12/13/2012 Event Time: [EST] Last Update Date: 06/12/2013
Emergency Class: NON EMERGENCY 10 CFR Section: 21.21(a)(2) - INTERIM EVAL OF DEVIATION	Person (Organization): DANIEL HOLODY (R1DO) ALAN BLAMEY (R2DO) JAMNES CAMERON (R3DO) MARK HAIRE (R4DO) NRR PART 21 (EMAI)

Event Text

60-DAY INTERIM REPORT INVOLVING AN EVALUATION OF A DESIGN CHANGE TO MAGNE-BLAST CIRCUIT BREAKERS

The following information was received via fax:

"Summary

"GE Hitachi Nuclear Energy (GEH) is investigating the adequacy of a Design Change in AM 4.16-350-2C and AM 4.16-350-2H Magne-Blast Circuit Breakers as a result of a breaker failure at a BWR Licensee.

"GEH has not completed the evaluation of this condition to determine reportability under 10 CFR Part 21 and is therefore issuing this 60-day Interim Notification. GEH will close or issue an update on this matter on or before June 14, 2013. Given the early status of the evaluation, GEH has no recommended actions at this time. This 60-day Interim Notification is issued in accordance with 10 CFR Part 21.21(a)(2), and will be sent to all GE BWR/2-6 plants and all PWRs.

"Recommendation

"GEH advises licensees to take no action at this time. However, if licensees wish to determine if the extent of this issue is present at their respective plants, they may identify breaker models AM 4.16-350-2H/2C with a date of manufacture prior to October 6, 1971. Other AM breaker styles do not use the booster cylinder as designed in breaker model AM 4.16-350-2H/2C and are not included in this concern. Therefore the extent is limited to the AM 4.16-350-2H/2C models manufactured prior to October 6, 1971.

"US Plants Potentially Affected

"Nine Mile Point 1-2, **Fermi 2**, Columbia, Grand Gulf, River Bend, FitzPatrick, Pilgrim, Vermont Yankee, Clinton, Dresden 2-3, LaSalle 1-2, Limerick 1-2, Oyster Creek, Peach Bottom 2-3, Quad Cities 1-2, **Perry 1**, Duane Arnold, Cooper, Susquehanna 1-2, Brunswick 1-2, Hope Creek, Hatch 1 - 2, Browns Ferry 1-3, Monticello, Callaway, Palo Verde 1-3 , Calvert Cliffs 1-2, Ginna, Arkansas Nuclear One 1-2, Indian Point 2-3, Millstone 2, Millstone 3, North Anna 1-2, Palisades, Surry 1-2, Waterford 3, Catawba 1-2, Oconee 1-3, McGuire 1-2, Braidwood 1-2, Exelon Byron 1-2 , Three Mile Island 1, **Beaver Valley 1-2, Davis-Besse**, Seabrook, St. Lucie 1-2, Turkey Point 3-4, Point Beach 1-2, DC Cook 1-2, Prairie Island 1-2, Fort Calhoun, Diablo Canyon 1-2, Crystal River 3, Robinson, Shearon Harris, Salem 1, Salem 2, Summer, South Texas Project 1-2, San Onofre 2-3, Farley 1-2, Vogtle 1-2, Sequoyah 1-2, Watts Bar 1, Comanche Peak 1-2, and Wolf Creek.

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

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

Hitachi Reference Number: MFN-128 R0

* * * RETRACTION FROM DALE PORTER TO NESTOR MAKRIS ON 6/12/13 AT 0959 EDT *
* *

The following information was received via fax:

"[GE Hitachi Nuclear Energy] GEH has completed all testing and evaluations and has determined that the condition previously described in MFN 12-128 R0 is not a reportable condition under 10 CFR Part 21. This information will be sent to all GE BWR/2-6 plants and all

PWRs that were previously notified under the 10CFR21.21(a)(2) communication."

Notified R1DO (Dentel), R2DO (Ehrhardt), R3DO (Lara), R4DO (Gepford), and Part 21 Group via email.

Power Reactor	Event Number: 49116
Facility: BEAVER VALLEY Region: 1 State: PA Unit: [] [2] [] RX Type: [1] W-3-LP,[2] W-3-LP NRC Notified By: DAN SCHWER HQ OPS Officer: CHARLES TEAL	Notification Date: 06/14/2013 Notification Time: 09:20 [ET] Event Date: 06/14/2013 Event Time: 08:35 [EDT] Last Update Date: 06/14/2013
Emergency Class: UNUSUAL EVENT 10 CFR Section: 50.72(a) (1) (i) - EMERGENCY DECLARED 50.72(b)(2)(xi) - OFFSITE NOTIFICATION	Person (Organization): GLENN DENTEL (R1DO) BILL DEAN (R1RA) JENNIFER UHLE (NRR) HAROLD CHERNOFF (NRR) JEFFERY GRANT (IRD)

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

UNUSUAL EVENT DECLARED DUE TO HIGH CO2 LEVELS IN THE TURBINE BUILDING

"Beaver Valley Unit 2 declared an Unusual Event (EAL HU.5, Toxic Gas Release) at 0835 EDT hours due to a CO2 (Toxic Gas) discharge in the turbine building. No report of fire and no injuries resulted from discharge. At 0851 EDT, the turbine building was clear of any detectible CO2. There was no operational impact from the CO2 discharge. The cause of the CO2 discharge is under investigation. The required states and counties were notified. The Resident NRC inspector was notified."

The inadvertent CO2 discharge was from the turbine fire protection system which now isolated while troubleshooting is in progress.

Notified DHS SWO, FEMA, DHS NICC, and Nuclear SSA via email.

* * * UPDATE FROM JAMES SCHWER TO CHARLES TEAL ON 6/14/13 AT 1006 EDT * * *

"Beaver Valley Unit 2 has terminated the Unusual Event at 0955 EDT * * *

Notified R1DO (Dentel), NRR EO (Chernoff), IRD (Grant), DHS SWO, FEMA, DHS NICC, and Nuclear SSA via email.

Power Reactor	Event Number: 49121
Facility: PERRY	Notification Date: 06/16/2013

Region: 3 State: OH Unit: [1] [] [] RX Type: [1] GE-6 NRC Notified By: ROBERT KIDDER HQ OPS Officer: BILL HUFFMAN	Notification Time: 02:42 [ET] Event Date: 06/16/2013 Event Time: [EDT] Last Update Date: 06/16/2013
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(i) - PLANT S/D REQD BY TS 50.72(b)(3)(ii)(A) - DEGRADED CONDITION	Person (Organization): ERIC DUNCAN (R3DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
1	N	Y	8	Power Operation	8	Power Operation

Event Text

TECHNICAL SPECIFICATION SHUTDOWN DUE TO SMALL REACTOR COOLANT LEAK ON A RECIRCULATION FLOW CONTROL VALVE VENT LINE

"This event is being reported in accordance with 10 CFR 50.72(b)(2)(i) and 50.72(b)(3)(ii)(A).

"On June 16, 2013 at 0200 EDT, the Perry Nuclear Power Plant commenced a controlled plant shutdown. The shutdown was due to a small leak through the base of a vent line on the 'B' Reactor Recirculation Flow Control Valve.

"On June 15, 2013 at 2250 EDT, the leak was identified and was subsequently determined to require a plant shutdown in accordance with Technical Specification 3.4.5, Action (C) which requires the plant to be in Mode 3 within 12 hours.

"The NRC Resident Inspector has been notified." The licensee will also be notifying state and local authorities.

The licensee had come down in power to make a drywell entry and investigate drywell leakage indications. Steam was observed to be coming from a vent line that comes off the top of the recirc flow control valve. The licensee was unable to characterize the leak rate other than a small leak. The licensee stated that the steam appeared be coming from a weld location where the vent line comes out of the flow control valve which would classify it as pressure boundary leakage.

News

Experts predict no detectible health impact from Fukushima radiation

Published: Monday, June 3, 2013

Japan's general public and the vast majority of workers at the earthquake-damaged Fukushima Daiichi nuclear power station are unlikely to suffer any future health effects linked to the plant's radiation leaks, according to experts brought together by the U.N. Scientific Committee on the Effects of Atomic Radiation.

The scientists found that additional radiation exposure incurred by most Japanese people in the first year and years after the 2011 incident are less than the doses received from natural background radiation.

The experts also said no radiation-related deaths or acute effects have been seen among nearly 25,000 workers, including Tokyo Electric Power Co., or TEPCO, employees and contractors involved at the accident site.

The findings on Fukushima Daiichi radiation and health will be submitted to the U.N. General Assembly later this year (Andrew Revkin, New York Times, May 31).

But Japan continues to cope with other repercussions of the nuclear disaster.

Japan's government prohibited commercial fishing in the area, some 125 miles northeast of Tokyo, after the reactor meltdowns and explosions.

The fishermen of Hisanohama, Japan, have found themselves taking the only job available: checking contamination levels in fish just offshore from the nuclear reactor buildings.

The fishermen and TEPCO are at odds over the utility's plans to dispose of 110 tons of groundwater each day from the plant into the sea (Antoni Slodkowski, Reuters, June 2).
– KJ

Source: <http://www.eenews.net/greenwire/2013/06/03/stories/1059982151>

Tours offered of former gaseous diffusion plant

06.01.13-01:00 am

Wayne Allen

PDT Staff Writer

The United States Department of Energy (DOE), recently announced opportunity for area residents to tour of the former Portsmouth Gaseous Diffusion Plant in Piketon. With the first of several scheduled tours next weekend. When the opportunity arose in 2012 for members of the public to tour the plant, slots quickly filled up and awaiting list was started that had 150 names, with an estimated 300 people getting to take the tour in 2012.

Tours will take place on Saturday, June 15, Saturday, July 20, Saturday, Aug. 17, Saturday, Sept. 21, and Saturday, Oct. 19, 2013.

The DOE is advising that each tour is free of charge and must have a minimum of 20 people and a maximum of 40. Participants must be 18 years old and be U.S. citizens. No cameras, cell phones, or other recording devices will be permitted.

Each tour is expected to take three hours.

According to released information, "this is primarily a driving bus tour with one stop to visit inside the Plant Control Facility, the hub of the gaseous diffusion plant. The tour involves minimal walking, just a short distance from the bus to the building. Timeframe for the tours includes badging from 8:30 a.m. to 9 a.m. the day of the tour with a brief welcome before boarding a charter bus for the driving tour. Participants are returned by noon."

In August 2010, DOE awarded a \$2 billion contract to Fluor-B&W Portsmouth for Decontamination and Decommissioning (D&D) of the plant.

"We are excited to set up these special tours for the public to get a close-up view of the former uranium enrichment facilities before they are addressed under the Decontamination & Decommissioning (D&D) Project," said Dr. Vincent Adams, Site Director for the U.S. Department of Energy, "The plant in Piketon, Ohio was one of only three gaseous diffusion plants built in the United States to serve our country's defense and energy needs. It operated for nearly five decades and thousands of workers have passed through the security gates over the years. The tours provide a unique opportunity to better understand the history of the plant, its current activities and future missions."

For more information or to register for a tour call 740-897-2336 and leave a voice message with your name and a daytime telephone number or email her at sandy.childers@fbports.com.

Wayne Allen may be reached at 740-353-3101, ext. 228, or tallen@civitasmedia.com. For breaking news, follow Wayne on Twitter [WayneallenPDT](#).
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USEC files \$38M federal lawsuit against Dept. of Energy

06.04.13 - 01:43 pm

Ryan Scott Ottney
PDT Staff Writer

USEC, Inc., has reportedly filed a \$38 million federal lawsuit against the U.S. Department of Energy (DOE) last week seeking unpaid fees. According to the company, the DOE is in breach of contract for not providing agreed reimbursements for work done at USEC facilities in Paducah, Ky., and the former Portsmouth Gaseous Diffusion Plant in Piketon between 2003 and 2011.

According to Paul Jacobson, vice president of corporate communications for USEC, "The contract services work included work performed by USEC under contract with DOE to maintain and prepare the former Portsmouth Gaseous Diffusion Plant for decontamination and decommissioning. The suit was necessitated because of the failure of DOE to timely approve provisional billing rates and to complete (and for a number of the years in question, to even start) audits of the final incurred costs."

The exact amount of the claim identified in the suit is \$37,970,480. Among the itemized list of claims is \$12,578,267 for "Cold Standby/Deposit Removal," \$11,767,970 for "DOE

Government Furnished Services” in Piketon, and \$3,004,080 for “X3001 Equipment Removal.” The Associated Press reports that a bulk of the money in dispute comes from work done to decontaminate and decommission the plant in Portsmouth, and that work done at the Paducah plant accounts for about \$25,000 of the claim.

“We regret that it has come to the point where we had to file suit in Federal court in order to obtain reimbursement of our costs but we had filed our claims with DOE, and since they remain unpaid, we were required to file suit in order to preserve our rights to payment,” Jacobson said.

Officials from the Department of Energy would not comment at this time.

USEC is a global energy supplier of enriched uranium fuel for commercial nuclear power plants. The company announced last month that it was unable to reach a deal for the short-term extension of uranium enrichment at the Paducah (Ky.) Gaseous Diffusion Plant and would take steps to begin a shutdown of uranium enrichment at the site.

The Paducah plant is the only U.S.-owned and operated uranium enrichment facility in the United States. USEC leases the plant from the DOE, and will now take steps to cease enrichment at the facility. The company said work at the Paducah plant will continue through 2014 to manage inventory, meet customer orders and ready the site for return to the DOE. Plans to reduce the Paducah location’s workforce are expected to be implemented in the coming months.

Jeremy Derryberry, a USEC Communications Manager, told the Daily Times last month that the move would not affect operations at USEC’s American Centrifuge Project in Piketon. He said the company’s main concentration has been the Centrifuge Project and the lack of an extension at the Paducah location has done nothing to change that.

Ryan Scott Ottney may be reached at 740-353-3101, ext. 287, or

rottney@civitasmedia.com. For breaking news, follow Ryan on Twitter @PDTwriter.

The Associated Press contributed to this story.

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FirstEnergy project at Davis-Besse gains steam

New generators draw questions at meeting

Published: 6/12/2013

BY ROBERTA GEDERT

BLADE STAFF WRITER

OAK HARBOR, Ohio

FirstEnergy Corp. is moving forward with its plans to replace Davis-Besse nuclear power plant’s two steam generators in 2014, a project that utility officials would only say will cost “in the hundreds of millions of dollars” when asked how expensive it will be.

Vital to producing electricity, steam generators are among the largest and most expensive parts of a nuclear plant. They are usually only replaced once in the life of a plant.

The project drew much of the attention at an open house the U.S. Nuclear Regulatory Commission held inside the Carroll Township Service Complex to discuss Davis-Besse’s 2012 operating performance.

Agency records show the plant fared well that year, except for one security violation that occurred between July and September. The violation will result in about 40 more inspection hours next year, said Prema Chandrathil, NRC spokesman.

Nearly all who attended the open house were NRC or FirstEnergy employees.

Vicky Clemons of Port Clinton, who attended the hearing with her husband, Dan, asked officials what parallels might exist between FirstEnergy's plans and a decision Friday by Southern California Edison to abandon plans to restart its twin reactors at its San Onofre nuclear power plant in California.

The utility cited issues with its replacement steam generators, including leakage.

"Don't we want public hearings, the scrutiny?" Ms. Clemons asked Daniel Kimble, the NRC's senior resident inspector at Davis-Besse.

Mr. Kimble said that the similarities between the generators being created for Davis-Besse and the ones at San Onofre stop at generating steam. He called the generators being built for Davis-Besse "the cadillac of steam generators" and that such replacements have been done successfully more than 60 times across the nation.

"You only hear about the ones that don't go well," he told her. Davis-Besse's generators are being manufactured by Babcock & Wilcox of Canada. They are to be shipped to this area by rail in October, with installation in the spring by San Francisco-based Bechtel Corp.

San Onofre's generators were installed in 2009 and 2010 at a cost of \$670 million.

Southern California Edison abandoned restart after an investigation revealed that a radioactive steam leak had caused extensive damage to hundreds of tubes.

Jennifer Young, FirstEnergy spokesman, said Davis-Besse's generators date back to when the plant first went online in April, 1977.

Ms. Chandrathil said ongoing inspections of the plant's equipment are being done "in parallel" to the replacement project, and that the regulatory agency was deciding whether to hold a public hearing. However, she said the plant is moving forward within the parameters of its original license.

Anti-nuclear groups Beyond Nuclear, Don't Waste Michigan, Citizen Environmental Alliance of Southwestern Ontario, and the Sierra Club have filed a petition with the NRC's Atomic Safety and Licensing Board, asking that license amendment hearings be held so that outside experts can have input to the safety aspects of the project.

A panel of judges has been selected by the Atomic Safety and Licensing Board to review that petition, Mr. Kimble said.

"They went way out of their way to avoid a license amendment on this major organ transplant," said Kevin Kamps, radioactive waste watchdog for Beyond Nuclear. "If they have made any mistakes, they have wasted hundreds of millions of dollars because we are going to challenge them at every turn."

Contact Roberta Gedert at: rgedert@theblade.com or 419 - 724-6081.

Monday, June 17, 2013

by WKSU's JEFF ST. CLAIR

Morning Edition Host

Jeff St. Clair

Leak causes Perry nuke plant shutdown

The Perry Nuclear plant has been shut down after a leak was discovered in a reactor coolant line.

The leak occurred around 11pm Saturday which required a shutdown.

The operator of the plant, Akron-based FirstEnergy filed a report with the Nuclear Regulatory commission stating that the steam leak was a non-emergency.

The cooling water leak is reported to be radioactive but contained within a sealed area.

Perry Nuclear Power Plant shut down after coolant leak

Tuesday, June 18, 2013

By News-Herald staff Editor@News-Herald.com

@newsheraldinoh

A coolant leak in the Perry Nuclear Power Plant caused a controlled plant shutdown early Sunday morning.

At about 10:30 p.m. Saturday, a reactor coolant leak was discovered on a recirculation flow control valve vent line, said FirstEnergy Corp. spokeswoman Jennifer Young.

According to Nuclear Regulatory Commission regulations, once a leak of that type is discovered, the plant must be shut down within 12 hours. Perry was shut down by 2 a.m. Sunday, Young said.

Steam appeared to be coming from a “weld location” and was classified as a “non-emergency,” according to the website of the government-run NRC.

While the coolant leaking was radioactive, no evacuations were necessary and the public was not in danger, Young said.

“Any water or steam that leaked was kept in the plant’s system,” she said.

An investigation into what caused the leak is ongoing and there is no word yet on when the North Perry Village-based plant may be operating again.

“We will take the time to check similar systems to make sure they don’t have any similar challenges,” Young said.

URL: <http://www.news-herald.com/articles/2013/06/18/news/doc51bf2f1b1b469974245210.prt>

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SUBJECT: DAVIS-BESSE NUCLEAR POWER STATION, UNIT 1 INSPECTION OF TEMPORARY INSTRUCTION 2201/004, “INSPECTION OF IMPLEMENTATION OF INTERIM CYBER SECURITY MILESTONES 1 – 7” INSPECTION REPORT 05000346/2013405

On February 15, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your Davis-Besse Nuclear Power Station, Unit 1. The inspection covered the interim cyber security Milestones 1 – 7 of the security cornerstone. The enclosed inspection report documents the inspection results, which were discussed on June 13, 2013, with Mr. Kendall W. Byrd and other members of your staff.

The inspection examined activities conducted under your license as they relate to cyber security and compliance with the Commission’s rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Five NRC-identified findings of very low security significance (Green) were identified during this inspection. The findings were determined to involve violations of NRC requirements. However,

in accordance with the Security Issues Forum (SIF) Charter, the NRC can exercise enforcement discretion during inspection of the interim cyber security measures for licensees who demonstrate a “good-faith interpretation and attempt to implement” Milestones 1 – 7. This discretion applies to licensees who have tried to implement the new requirements, but failed to be in full compliance. Before discretion is considered or granted for any issue, licensees must accept the finding, put the finding into their corrective action program (CAP), and take appropriate corrective action once identified.

These issues were discussed and reviewed during the SIF Meeting conducted on May 22, 2013. The results of the SIF Panel review concluded that although these issues constituted violations of your facility operating license (FOL) and 10 CFR 73.54, the NRC is not pursuing enforcement action because of your “good-faith” attempt to interpret and implement Milestones 1 – 7 and because of your prompt corrective actions to enter these issues into your CAP. Upon completion of all corrective actions, you are requested to provide written notification to the NRC’s regional office as to the method and date of closure for the identified issue(s).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, the material enclosed herewith contains Security-Related Information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room or from the PARS component of NRC's ADAMS. If you choose to provide a response and Security-Related Information is necessary to provide an acceptable response, please mark your entire response “Security-Related Information – Withhold Under 10 CFR 2.390” in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

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

Issuance of Order to Modify Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions

Adams Accession No. ML13143A321

Information Notice 2013-09, Compressed Flammable Gas Cylinders and Associated Hazards dated June 3, 2013

ADAMS Accession No.: ML13086A027

Impact of Fukushima-Related Activities on NRC Operating Reactor Regulatory and Licensing Reviews

ADAMS Accession No.: ML13151A377

RIS 2013-06, Preparation and Scheduling of Operator Licensing Examinations, dated June 7, 2013

ADAMS Accession No.: ML13098A074

Davis-Besse

DAVIS-BESSE 2013 503 EMERGENCY PREPAREDNESS INSPECTION REPORT

ADAMS ACCESSION # ML13164A125

Summary of the June 11, 2013, Open House to Discuss the 2012 Davis-Besse Nuclear Power Station End-Of-Cycle Performance Assessment

ADAMS Accession No. ML13168A242

DAVIS-BESSE 2013 405 CYBER SECURITY--COVER LETTER

ADAMS ACCESSION # ML13172A102

Petitioners' Reply in Support of Petition to Intervene and for an Adjudicatory Public Hearing of FENOC License Amendment Request.

ADAMS Accession Number: ML13173A001

FirstEnergy Nuclear Operating Company's Answer Opposing Petition to Intervene and Request for Hearing Regarding Technical Specification License Amendment Request.

ADAMS Accession Number: ML13165A302

Davis-Besse, Unit 1, Supplemental Reply to Request for Additional Information for the Review of the License Renewal Application (TACME4640) and Amendment No. 44.

ADAMS Accession Number: ML13158A302

RAI's Following IFIB Analysis of FENOC's 2013 Decommissioning Funding Status Report for Davis-Besse and Perry.

ADAMS Accession Number: ML13154A444

LTR-13-0540 - Bill Hawkins and Vinod Arora email re: San Onofre Nuclear Generating Station (SONGS) Lessons Learn for Davis-Besse.

ADAMS Accession No.: ML13171A292

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FERMI 2 CYBER SECURITY REQUEST FOR INFORMATION LETTER

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ADAMS Accession Number: ML13150A231

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ADAMS Accession Number: ML13150A238

Intervenors Rebuttal Statement of Position on Contention 15.

ADAMS Accession Number: ML13151A296

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