

To: Jim Mehl, ERU Supervisor
From: Zack Clayton, Rad Coord
Subject: February Monthly Report
Date: March 11, 2008

Beans:

Training: 0
Drills 0
Meetings: 3
Technical Assistance: 1
Public Assistance: 1
SAIC 2

Web Page Hits: There were 57 RAD hits in February.

Coming Attractions:

Working Group 3/12
After Action 3/12
IRTC RAD in Soil 3/13
RAT Forms 3/25
Beaver Valley 3/26
RAT Steering 3/27
SAIC 3/3 3/17 3/24 3/31
URSB 4/7

Facility Updates:

Davis Besse Nuclear Power Station

Davis Besse started February at 4 percent power in start up from Refueling Outage 15. On February 5 a vibration in the main generator caused a shut down for investigation and repair. The rotor had been serviced off site and the balancing weights had been reinstalled improperly. The plant restarted February 13 and operated at full power until the end of February.

Perry Nuclear Power Plant

Perry operated at full power for the month of February.

Beaver Valley Unit I

Beaver Valley Unit I operated in February at full power until the 24th when it reduced power for scheduled maintenance.

Beaver Valley Unit II

Beaver Valley Unit II operated at full power for February.

Fermi II

Fermi Had a Manual SCRAM 1/31 when both reactor recirculation pumps shut down at full power. The event is under investigation. Fermi restarted February 3. On February 14 Fermi reduced power to deal with a turbine control valve issue. Fermi operated at full power for the rest of February.

Portsmouth Gaseous Diffusion Plant

No issues or reports.

Meetings:

2/7 URSB - A special meeting to discuss a letter to FENOC about the performance concerns the State has regarding Perry Nuclear Plant. A letter will be sent to FENOC asking for a detailed discussion of the outstanding issues.

2/13 Working Group/After Action - Agency Status reports and plant news, planning for the April 7 meeting. The after action meeting examined the status of pending items and resolved several open items.

2/21 DERR Staff meeting. Director's talk and Q&A.

2/11 2/25 SAIC

Office Issues:

The Rad web page needs to be updated and a monthly report added. This will be implemented after the Governor's web initiative is finished for all DERR pages.

NRC Reports and Statistics:

December operating power levels

Date	BV1	BV2	DB	Fermi2	Perry	
1	100	100	4	0	100	DB in Start up. Fermi SCRAMed 1/31 and investigating cause.
4	100	100	19	35	100	DB holding for MG balancing.
						Fermi increasing power.
11	100	100	0	100	100	DB Repairing MG rotor from 2/05/08 – 2/13/08
14	100	100	5	93	100	DB repairs complete. Fermi turbine control valve issues.
18	100	100	100	100	100	
25	82	100	100	100	100	BV1 scheduled maintenance started 2/24/08
29	82	100	100	100	100	

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Power Reactor	Event Number: 43948
Facility: FERMI Region: 3 State: MI Unit: [2] [] [] RX Type: [2] GE-4 NRC Notified By: D. DUNCAN HQ OPS Officer: JEFF ROTTON	Notification Date: 01/31/2008 Notification Time: 18:06 [ET] Event Date: 01/31/2008 Event Time: 15:44 [EST] Last Update Date: 01/31/2008
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(iv)(B) - RPS ACTUATION - CRITICAL	Person (Organization): CHRISTINE LIPA (R3)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
2	M/R	Y	100	Power Operation	0	Hot Shutdown

Event Text

MANUAL REACTOR SCRAM IN RESPONSE TO TRIP OF BOTH REACTOR RECIRC PUMPS

"At 1544 EST 01/31/2008, the reactor mode switch was taken to shutdown in response to the trip of both reactor recirc pumps. All control rods fully inserted into the core. The lowest reactor vessel water level reached was 157 inches. Reactor water level is being controlled in the normal band using CRD.

"The cause of the reactor recirc pump trips are under investigation at this time. There was no maintenance or testing progress that would explain the pump trips.

"At the time of the scram all ECCS systems and Emergency Diesel Generators were operable with the exception of Division 1 RHR. Division 1 RHR Surveillance testing was in progress. Surveillance testing is complete. Division 1 RHR is available with administrative activities remaining before it will be declared operable. Isolations and actuations occurred as expected. This report is being made in accordance with 10 CFR 50.72(b)(2)(iv)(B), Any event that results in actuation of the reactor protection system (RPS) when the reactor is critical."

Decay heat is being removed to the main condenser via the turbine bypass valves. The electric plant is a normal shutdown lineup. No SRVs lifted during the reactor scram.

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CHANGES IN PERRY/DAVIS BESSE SENIOR MANAGEMENT

Licensee/Facility: FIRSTENERGY NUCLEAR OPERATING CO. Perry 1 PERRY, Ohio Dockets: 05000440 [1] GE-6 License No: FirstEnergy Nuclear Operating Co. Davis-Besse OAK HARBOR, Ohio Dockets: 05000346 [1] B&W-L-LP	Notification: MR Number: 3-2008-0004 Date: 02/19/2008 Resident Inspector's Office
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Discussion:

On February 18, 2008, FirstEnergy Nuclear Operating Co. (FENOC) announced that John Grabnar has been named Site Engineering Director at Perry. Mr. Grabnar is currently the Site Engineering Director at Davis-Besse. After receiving his Senior Reactor Operator license at Perry in 2001, he went on to serve as the Davis-Besse Design Engineering Manager before accepting the position as Davis-Besse Site Engineering Director in June 2006.

The current Site Operations manager at Davis-Besse, Don Moul, will succeed Mr. Grabnar as the Davis-Besse Site Engineering Director. Mr. Moul has served as Site Operations manager since June 2006. He has held a number of leadership positions within FENOC at both the Davis-Besse and Beaver Valley sites. Mr. Moul and Mr. Grabnar will be reporting to Senior Vice President of Fleet Engineering Dan Pace. These changes will take effect as soon as each can turn over duties to his successor.

Regional Action: Information only; no further action anticipated.

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Management changes

Licensee/Facility: FIRSTENERGY NUCLEAR OPERATING CO. Davis-Besse OAK HARBOR, Ohio Dockets: 05000346 [1] B&W-L-LP License No: FirstEnergy Nuclear Operating Co. Perry 1 PERRY, Ohio Dockets: 05000440 [1] GE-6	Notification: MR Number: 3-2008-0006 Date: 02/25/2008 Call to RA / fax from RIO
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Discussion:

On Monday, February 25, Mr. Jim Lash, Senior Vice President of FirstEnergy Nuclear Operating Company Operations, announced that Mr. Mark Bazilla, Vice President Davis-Besse Nuclear Power Plant, and Mr. Barry Allen, Vice President Perry Nuclear Power Plant, will exchange positions. The position exchange is to be effective March 10, 2008.

Regional Action: None

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General Information or Other	Event Number: 44008
Rep Org: OHIO BUREAU OF RADIATION PROTECTION Licensee: OHMART/VEGA CORPORATION Region: 3 City: CINCINNATI State: OH County: License #: 03214310020 Agreement: Y Docket: NRC Notified By: JAMES STEPHEN HQ OPS Officer: HOWIE CROUCH	Notification Date: 02/25/2008 Notification Time: 10:00 [ET] Event Date: 02/22/2008 Event Time: [EST] Last Update Date: 02/27/2008
Emergency Class: NON EMERGENCY 10 CFR Section: AGREEMENT STATE	Person (Organization): DAVE PASSEHL (R3) MICHELE BURGESS (FSME)

Event Text

OHIO AGREEMENT STATE REPORT - TWO CONTAMINATED INDIVIDUALS

The following information was obtained from the Ohio Department of Health via email:

"Initial Notification: The Bureau [Ohio Department of Health Bureau of Radiation Health] was notified via e-mail at approximately 4:00 PM on Friday, 2/22/08 that the licensee experienced a contamination incident in their source handling facilities. The e-mail was sent to a Bureau staff member who was out of the office until Monday, 2/25/08. The e-mail was retrieved by the Bureau staff member at approximately 6:00 AM on Monday, 2/25/08.

"The contamination incident involved two (2) employees who were working in the source disposal room. One employee was attempting to retrieve a source from one of the licensee's own SR-1 source holders (vintage 1972) using the saw. In doing so, he breached the 300 mCi Cs-137 source and contaminated the area with microspheres. The licensee's emergency procedures were immediately activated. Employees verified that there was no floor contamination outside of the disposal room through use of a pancake probe and then maslin wipes. The ventilation system was turned off. No activity was found outside the doors to the disposal room. A third employee went into the disposal room to do surveys and wipes and confirmed that contamination is present in the room.

"The first employee involved in the contamination incident was removed from the disposal room, dressed in two Tyvek suits, and moved from the disposal room to the enclosed area outside that room where he could be frisked. He exhibited contamination on one hand and on one leg. The second employee, having taken additional wipes and surveys to determine the locations of contamination, was then removed. Contamination was detected on his hands as well as his shirt and pants. Decontamination commenced on both individuals. This information was contained in the initial e-mail notification from the licensee and was current as of 2/22/08.

"Follow-up: The Bureau initiated a phone call with licensee management at approximately 8:15 AM on Monday, 2/25/08. During this call the licensee stated that the facility contamination is limited to

the source handling room, which has been isolated and sealed with tape. The licensee further stated that no further decontamination work was done over the weekend once the individuals involved were decontaminated and the source handling room was secured. The licensee stated that the determination was made that the contamination on the two individuals involved was limited primarily to the clothing worn. This clothing was removed, and any areas of their body showing contamination were successfully decontaminated. One of the individuals had shown contamination near his nose. Surveys of tissues used by him to blow his nose during decontamination indicated no contamination, but nasal swabs of this individual were not done by the licensee. The licensee stated that bioassays of the contaminated individuals were not planned at this time. The Bureau informed the licensee that bioassays would be necessary for these individuals.

"The Bureau has dispatched two inspectors to the licensee's facility in Cincinnati, Ohio, to arrive there late morning Monday, 2/25/08. The licensee has been instructed not to take any further actions regarding clean-up of the contaminated areas until the Bureau inspectors arrive. The Bureau will require a written action plan from the licensee for the decontamination process, which the licensee stated will be performed by an outside contractor."

* * * UPDATE PROVIDED BY STATE OF OHIO VIA EMAIL (STEPHEN JAMES) TO JEFF ROTTON AT 1207 EST ON 02/27/08 * * *

The following information was provided by the state via email:

"UPDATE TO INITIAL REPORT: Two inspectors from the Bureau visited the licensee's facilities on Monday, 2/25/08. The inspectors verified that the licensee had secured ventilation and sealed off the sealed source disposal room where the incident occurred to prevent the spread of contamination. The licensee sealed off the room using duct tape around the doors and along the floor of the doorways. The inspectors also interviewed the individuals involved in the operations that resulted in the breaching of the source to determine the steps taken once the individuals became aware that the source had been cut into. The Bureau inspectors conducted confirmatory surveys, including wipe tests, of the area around the contaminated room and of the ventilation system discharges. These surveys indicated no evidence of contamination outside of the source disposal room. The Bureau also issued an order to the licensee on Monday, 2/25/08, prohibiting any additional sealed source removal operations by the licensee until further notice.

"The Bureau contacted the licensee via telephone on Tuesday, 2/26/08, to discuss ongoing dose reconstruction efforts and the licensee's plans for decontamination of the sealed source disposal room. The licensee stated that the two individuals involved were scheduled for whole-body counting at the University of Cincinnati later in the week, which was the first available time this could be done. The licensee is also working on dose estimates from the incident, which will be provided to the Bureau as soon as they are completed. The licensee is in the process of selecting a contractor to perform the clean-up activities and will inform the Bureau once a contractor has been selected and a start date established. The licensee was informed that the Bureau will send representatives to attend the initial meeting with the licensee and the clean-up contractor to discuss the plan of action and timeline. The licensee was also informed that the Bureau would send inspectors to the facility periodically during the clean-up to perform confirmatory measurements and review the progress to date. The licensee was reminded that they were subject to the NRC M&D security orders and may need to address those as it related to the escorting of contractor personnel."

Ohio Incident Reference number: OH2008-011

Notified R3DO (Kozak) and FSME EO (Michele Burgess).

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