

To: Jim Mehl, ERU Supervisor
From: Zack Clayton, Rad Coordinator
Subject: December Monthly Report
Date: January 7, 2013

Beans

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

Web Page Views: There were 13 page views in December.

Coming Attractions

1/9 Working Group
1/9 SRIP gorup
1/14 URSB
2/7 SRIP group

Facility updates

Davis-Besse Nuclear Power Station

Davis-Besse operated at full power for December.

On December 14 Davis-Besse notified the NRC that it was discovered today that both of the plant's Decay Heat Pumps have been inoperable at the same time. These pumps are used to cool the reactor in certain modes of operation and the plant is required to have at least one operable.

While performing maintenance on Decay Heat Pump 2 last week it was discovered that a spacer was missing from the pump. The maintenance crew made the needed the repair and the pump was declared operable. Today as part of the root cause investigation to determine why the spacer was not installed a maintenance crew examined Decay Heat Pump 1. The crew discovered that the same spacer was missing from this pump as well. This means both Decay Heat Pumps were inoperable at the same time. Further investigation is underway as to the root cause of this situation.

As of December 17 the spacer was installed on Decay Heat Pump 1 and it was declared operable. Analysis indicates the pumps were functional without the spacer installed, but functional does not meet the NRC requirements for these pumps.

Perry Nuclear Power Plant

Perry operated at full power for most of the month but was at reduced power for portions of it for maintenance and testing.

Perry took the plant computers down for 6 hours December 20 for planned maintenance. Because this would disable the ERDS and e-data systems, the plant submitted Event Notice 48610 to the NRC. Computers were restored at 1300 on the 20th.

Beaver Valley Power Station

Beaver Valley Unit I

Unit I operated at full power for December.

Beaver Valley Unit II

Unit II operated at full power for December.

Fermi II

Fermi II was in cold shutdown for most of December due a hydrogen leak into the generator stator cooling system. This outage started November 7. On Dec 31st reactor power was increased to 1%.

Fermi III

Fermi III continues as a documentation evaluation. Three documents were filed in December.

Portsmouth Enrichment Plant

There were no reports for Portsmouth for December.

Activity

12/6 Working Group at Ohio EMA. This meeting addressed the work product that the Working Group produces for the URSB. The perception is that

the format has remained static over twenty years and there are new measures being tracked that lend themselves to better reporting methods. Part of this is to ensure all initiatives address some aspect of the URSB enabling legislation.

12/6 SRIP Planning Group

Office Issues

Attempting to contact Canberra regarding the Ultra Radiac order placed in August. This order has not been received.

News, NRC Reports, and Statistics

Operating Power Levels

December

Date	BV1	BV2	DB	Perry	Fermi2	
1	100	100	100	100	0	
3	100	100	100	100	0	
8	100	100	100	73	0	Perry – unknown power fluctuation
10	100	100	100	100	0	
17	100	100	100	100	0	
24	100	100	100	100	0	
31	100	100	100	100	1	

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/2012/>.

To access these documents use the ADAMS Accession number listed with the title.

This is in the format of : ML #####A###

Fermi Power Plant, Unit 2, Acknowledgement of Receipt of Plans for Restoration of the South Reactor Feedpump –

ADAMS Accession No.: ML12338A197

DAV-BESSE 2012 005 CDBI
ADAMS ACCESSION # ML12339A169

Subject: Beaver Valley Power Station, Unit NOS. 1 and 2 – Approval of Emergency Action Level Scheme Change to a Scheme Based on Nuclear Energy Institute 99-01, Revision 5 (TAC NOS. ME7823 and ME7824)

ADAMS Accession No.: ML12313A340

Fermi 2 - Audit of the Licensee's Management of Regulatory Commitments

ADAMS Accession No.: ML12324A273

Perry Nuclear Power Plant, Unit No. 1 - Request for Additional Information Related To Licensing Amendment Request to Modify Technical Specification 3.8.1, " AC Sources – Operating ," To Remove Mode Restrictions On Certain Division 3 Surveillance Requirements (TAC NO. ME9006)

ADAMS Accession Number: ML12341A322

Information Notice 2012-21, Reactor Vessel Closure Head Studs Remain Detensioned During Plant Startup, dated December 10, 2012

ADAMS Accession No.: ML12264A518

BEAVER VALLEY POWER STATION, UNITS 1 AND 2: ASSESSMENT FOLLO-UP LETTER (REPORT 05000334/2012008 AND 05000412/2012008)

ADAMS ACCESSION NO: ML12349A204

DAVIS-BESSE TI 2515 182 REQUEST FOR INFORMATION

ADAMS ACCESSION# ML12353A619

12/21/12 Davis-Besse Confirmation of Initial License Examination

ADAMS Accession Number ML12356A201

11/15/12 Summary of Meeting with Nuclear Energy Institute (NEI) Licensing Action Task Force (LATF)

Adams Accession No.: ML12341A288

Subject: Fermi 2 – Issuance of Amendment for Revising the Residual heat Suppression Pool Cooling Flow Rate in Technical Specification Surveillance Requirement 3.6.2.3.2.

ADAMS Accession No.: ML12333A327

Subject: Fermis 2 – Issuance of Amendment to Modify Technical Specification Surveillance Requirements for Safety Relief Valves (TAC NO. ME7829)

ADAMS Accession No.: ML12321A234

Fermi, Unit 2 – Branch Chief Reassignment

ADAMS Accession Number: ML12305A463

Information Notice 2012-23, Recent Radiography Events Resulting In Exposures Exceeding Regulatory Limits, dated December 26, 2012
ADAMS Accession No.: ML12277A235

OFFICIAL EXHIBIT - NYS00131C-00-BD01 - NUREG-1437, Generic Environmental Impact Statement for License Renewal of Nuclear Plants: Main Report, Volumes 1 and 2 (May 1996) ("GEIS").

ADAMS Accession No.: ML12334A630

Fermi, Unit 2, TMPE-12-0294, Rev. 0, Seismic Walkdown Report, 10 CFR 50.54(f) Section 2.3 Seismic Response, Appendix C

ADAMS Accession Nos.: ML12341A367, ML12341A369, ML12341A361, ML12341A358, ML12341A366, ML12341A365, ML12341A364, ML12341A363, ML12341A368, ML12341A370, ML12341A372

Beaver Valley, Units 1 & 2, Davis-Besse, and Perry - FENOC Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding Flooding Aspects of Recommendation 2.3 of Near-Term Task Force Review of Insights from Fukushima Dai-ichi Accident.

ADAMS Accession No.: ML12335A341

Davis-Besse, Unit 1 - Reply to Request for Additional Information for the Review, License Renewal Application and License Renewal Application Amendment No. 36.

ADAMS Accession No.: ML12331A125

Davis-Besse Nuclear Power Station, Unit 1, ISFSI, Perry, Unit 1, ISFSI, Decommissioning Funding Plan - 2012.

ADAMS Accession No.: ML12352A194

Perry - Mid-Cycle Revision to the Core Operating Limits Report.

ADAMS Accession No.: ML12342A413

Beaver Valley Unit 2 - Draft Operating Exam (Sections A, B, and C) (Folder 2).

ADAMS Accession No.: ML12299A280

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

ADAMS Accession No.: ML12340A194

Slides - Detroit Edison NRC Meeting Presentation Final.

ADAMS Accession No.: ML12362A415

2012/12/18 Fermi COL - Courtesy Copy of Fermi 3 COLA Incorporation of EP Rule Changes

ADAMS Accession No.: ML12362A462

Fermi, Unit 3, COLA, Incorporation of the Emergency Preparedness Rule Changes.

ADAMS Accession No.: ML12355A032

Memorandum and Order (Denying Motions to Admit, to Amend, and to Supplement Proposed Contention 5).

ADAMS Accession No.: ML12363A200

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

ADAMS Accession No.: ML12340A256

News

Dayton Daily News

Group wants EPA to study town's radiation levels

Updated: 11:34 a.m. Sunday, Dec. 2, 2012 | Posted: 11:34 a.m. Sunday, Dec. 2, 2012

The Associated Press

TOWN OF PINES, Ind. — Concerns about radiation in a northwestern Indiana community are sparking calls for an investigation by the Environmental Protection Agency.

The Northwestern Indiana Regional Planning Commission Environmental Management Policy Committee says it wants the EPA to look into radiation levels in The Pines after two members of an environmental group said they found levels of radiation that were higher than the natural "background levels."

"There's something that's not normal," said Larry Jensen, a former EPA employee and physicist with a master's degree in radiation and public health.

Jensen and Paul Kysel of PINES — People in Need of Environmental Safety — presented the planning commission this month with results of an independent radiation study he performed in 2009 using a handheld meter, The Times reported (<http://bit.ly/SoATm0>). The study focused on the streets in The Pines, which were built using fly ash -- a byproduct of burning coal for fuel -- as fill.

Jensen and Kysel said they asked the EPA to conduct its own study to dispute or confirm their findings, but the agency declined.

"We're asking some agency to come out, verify our data and do lab analysis we can't afford and determine what health hazards may exist," Jensen said.

Eugene Jablonowski, health physicist for the U.S. EPA, said the methodology used by Jensen's study doesn't conform to current EPA standards and that the agency doesn't see any need for further review.

Charlotte Read, a longtime environmental activist in the area, is urging the NIRPC environmental committee to request a formal EPA study. The panel will meet Dec. 13 to consider the issue.

"Everyone has basically ignored them for years," Read said. "It's just a story of a small group of people who care, did their own study, raised a lot of money," Read said. "It's time to take the next step. This community has suffered long enough."

Some said they are concerned about possible costs.

"For us to make a recommendation for the EPA to do something, we have to take that very seriously," said Kay Nelson, environmental director for the Northwest Indiana Forum.

"I know our municipalities spend millions of dollars to do compliance work. You want to send a letter to EPA to say spend an extra \$500,000 to do this work?"

Jensen said he isn't aware of any radiation-related health problems suffered by the town's 780 residents but worries about problems down the road.

"It's more in the level where you have long-term consequences," Jensen said. "Some of the levels were over the levels where the EPA would excavate and take things away. The potential is there but the data is not there to make that determination."

Information from: The Times, <http://www.thetimesonline.com>

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Plant Reports

FENOC Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding the Flooding Aspects of Recommendation 2.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident

During the flooding walkdowns, certain plant areas were inaccessible due to conditions expected during normal power operation. As a result, additional flooding walkdowns for these inaccessible areas will be scheduled during future plant outages. As provided in the attachment, these future flooding walkdowns are captured as Regulatory Commitment 1 for BVPS, Unit No. 1, and Regulatory Commitments 2, 3, and 4 for DBNPS.

During the seismic walkdowns, certain plant areas were inaccessible due to conditions expected during normal power operation. Therefore, within 120 days of their next refueling

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1. [Applicable to Beaver Valley Power Station, Unit No. 1]

Inspection of the interior of the Unit 1 Containment Building will be completed during the 22nd refueling outage scheduled in the Fall of 2013.

2. [Applicable to Davis-Besse Nuclear Power Station]

The containment building and the containment annulus will be walked down during the 18th refueling outage scheduled in the Spring of 2014.

3. [Applicable to Davis-Besse Nuclear Power Station]

Room 102 is scheduled to be inspected again for Boric Acid Corrosion Control before the end of April 2013. This inspection will include a flooding walkdown for ground water intrusion.

4. [Applicable to Davis-Besse Nuclear Power Station]

The next inspection of Room 210 is due for completion by the end of December 2014. This inspection will include a flooding walkdown for ground water intrusion.

During the seismic walkdowns, certain plant areas were inaccessible due to conditions expected during normal power operation. Therefore, within 120 days of their next refueling

outages, BVPS-1, DBNPS, and PNPP will each submit to the NRC a supplemental report documenting the results of their additional seismic walkdowns.

1. [Applicable to Beaver Valley Power Station, Unit No. 1]

Submit to the Nuclear Regulatory Commission (NRC) a supplemental report documenting the seismic walkdowns of equipment listed within "Beaver Valley Power Station Unit 1 Near-Term Task Force Recommendation 2.3 Seismic Walkdown Report," Table 6-3.

Within 120 days following completion of the fall 2013 refueling outage.

2. [Applicable to Davis-Besse Nuclear Power Station]

Submit to the Nuclear Regulatory Commission (NRC) a supplemental report documenting the seismic walkdowns of equipment listed within "Davis-Besse Nuclear Power Station Near-Term Task Force Recommendation 2.3 Seismic Walkdown Report," Table 6-3 and Table 6-3a.

Within 120 days following completion of the spring 2014 refueling outage.

3. [Applicable to Perry Nuclear Power Plant]

Submit to the Nuclear Regulatory Commission (NRC) a supplemental report documenting the seismic walkdowns of equipment listed within "Perry Nuclear Power Plant Near-Term Task Force Recommendation 2.3 Seismic Walkdown Report," Table 6-3.

Within 120 days following completion of the spring 2013 refueling outage.

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: 12/13/2012
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

Power Reactor	Event Number: 48610
Facility: PERRY Region: 3 State: OH Unit: [1] [] [] RX Type: [1] GE-6 NRC Notified By: ED CONDO HQ OPS Officer: STEVE SANDIN	Notification Date: 12/20/2012 Notification Time: 07:51 [ET] Event Date: 12/20/2012 Event Time: 07:51 [EST] Last Update Date: 12/20/2012
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(xiii) - LOSS COMM/ASMT/RESPONSE	Person (Organization): JAMNES CAMERON (R3DO) ERDS GROUP (EMAI)

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

Event Text

EMERGENCY RESPONSE DATA SYSTEM (ERDS) OUT-OF-SERVICE

"Computer engineering personnel will be taking the plant integrated computer system (ICS) out-of-service for planned maintenance. During the time ICS is out-of-service, the Safety Parameter Display System (SPDS) and the Emergency Response Data System (ERDS) will be unavailable. The computer outage is scheduled for six hours.

"Contingency plans have been established to transmit plant parameter data and perform the dose assessment function in the event of an emergency while ERDS is unavailable.

"This event is being reported in accordance with 10 CFR 50.72(b)(3)(xiii). A follow-up notification will be made when the maintenance activities are complete and the equipment is restored."

The licensee notified the NRC Resident Inspector.

* * * UPDATE FROM JIM CASE TO HOWIE CROUCH AT 1309 EST ON 12/20/12 * * *

At 1300 EST, the plant integrated computer system was restored and SPDS and ERDS was returned to service.

Notified R3DO (Cameron) and ERDS Group email.
