

To: Jim Mehl, ERU Supervisor
From: Zack Clayton, Rad Coord
Subject: May Monthly Report
Date: June 16, 2008

Beans:

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

Web Page Hits: There were 102 RAD hits in May.

Coming Attractions:

BV dry run 6/3
Working Group 6/4
AG security meeting 6/12
BV Graded exercise 6/24
URSB 7/7
NEPAC 7/10
SAIC 6/9 6/23 7/7 7/14 7/28

Facility Updates:

Davis Besse Nuclear Power Station

Davis Besse operated at full power for May

Perry Nuclear Power Plant

Perry plant operated at full power for May. However, on May 28, the Perry Nuclear Power Plant notified the NRC that a Limiting Condition of Operation was discovered due to the High Pressure Core Spray (HPCS) a safety system not being operable. This system injects water into the reactor pressure vessel during an accident. The cooling system in the room housing the diesel generator for this system was not working. The plant has a 14 day window to restore operation of the HPCS. The system was restored by the end of May.

Beaver Valley Unit I

Beaver Valley Unit I operated at full power for the month of May.

Beaver Valley Unit II

Beaver Valley Unit II Started May in a refueling outage. Unit 2 completed the outage at 0630 on May 16 by entering Mode 1, operations. They began their outage on April 14. Beaver Valley discovered a turbine bearing problem during startup and took the Unit to Mode 3, hot stand-by. Unit 2 synchronized to the grid at 2357 on May 22 for two days.

On May 24, BVPS reported a steam generator level excursion with the internal water level caused by a broken air line. This caused a failure of the "A" main feedwater pump recirculation valve. Repairs were complete by May 26. A hold will be placed on power at 94.5% to evaluate continuing to 100% power. This was the 100% power level prior to the Power uprate. The plant will go to the new full power level after this evaluation.

Fermi II

Fermi operated at full power for May. They reported a body found on the beach to NRC.

Portsmouth Gaseous Diffusion Plant

There were no reported incidents.

Meetings:

5/6-7 RAT Training General radiation training and equipment familiarization in Groveport. There was an introductory session on WMD for familiarization purposes.

5/14 BV Table top refresher for the Dose assessment room team.

Office Issues:

The Rad web page needs to be updated and a monthly report added. This will be implemented as part of the DERR pages for the Governor's web upgrade initiative for all agencies.

NRC Reports and Statistics:

May operating power levels

| Date | BV1 | BV2 | DB | Fermi2 | Perry |
|------|-----|-----|-----|--------|-------|
| 1 | 100 | 0 | 100 | 100 | 100 |
| 5 | 100 | 0 | 100 | 100 | 100 |

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|----|-----|----|-----|-----|-----|
| 11 | 100 | 0 | 100 | 96 | 100 |
| 12 | 100 | 0 | 100 | 100 | 100 |
| 19 | 100 | 0 | 100 | 100 | 100 |
| 23 | 100 | 17 | 100 | 100 | 100 |
| 26 | 100 | 67 | 100 | 100 | 100 |
| 31 | 100 | 95 | 100 | 100 | 100 |

Beaver Valley Unit 2 in Startup

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| Power Reactor | Event Number: 44181 |
| Facility: FERMI Region: 3 State: MI Unit: [2] [] [] RX Type: [2] GE-4 NRC Notified By: JIM KONRAD HQ OPS Officer: MARK ABRAMOVITZ | Notification Date: 04/30/2008 Notification Time: 18:41 [ET] Event Date: 04/30/2008 Event Time: 15:55 [EDT] Last Update Date: 04/30/2008 |
| Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(xi) - OFFSITE NOTIFICATION | Person (Organization): MONTE PHILLIPS (R3) |

| 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

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| <p>CALCIUM CHLORIDE SPILLED ON SITE</p> <p>"Environmental received a call regarding an unknown substance spilled in the south east corner of the site. Environmental personnel responded and discovered approximately 300 pounds of calcium chloride, commonly known as 'Ice Melt.' The Ice Melt was on the side of the road with approximately 25% of the substance in the water of the wetlands. Clean up efforts are underway. The following local government agencies were notified: Michigan Department of Environmental Quality District Office (MDEQ), National Response Center, 911 Local Emergency Planning Committee, Pollution Emergency Alert System (PEAS)."</p> <p>The Ice Melt had been emptied from a facility truck onto the side of the road. The wetland empties into Lake Erie.</p> <p>The licensee notified the NRC Resident Inspector.</p> |
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| Power Reactor | Event Number: 44190 |
| Facility: FERMI Region: 3 State: MI Unit: [2] [] [] RX Type: [2] GE-4 NRC Notified By: MIKE HIMEBAUCH HQ OPS Officer: JEFF ROTTON | Notification Date: 05/06/2008 Notification Time: 12:12 [ET] Event Date: 05/06/2008 Event Time: [EDT] Last Update Date: 05/06/2008 |
| Emergency Class: NON EMERGENCY | Person (Organization): |

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| 10 CFR Section: 50.72(b)(2)(xi) - OFFSITE NOTIFICATION | STEVE ORTH (R3) MARY JANE ROSS-LEE (NRR) |
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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

OFFSITE NOTIFICATION TO LAW ENFORCEMENT DUE TO DISCOVERY OF DECEASED INDIVIDUAL ON SHORELINE

"The purpose of this report is to notify the NRC of discovery of a deceased individual along the shoreline of Detroit Edison Fermi 2 property. Specifically, at 0900 (EDT), the Fermi Control Room was notified that a deceased individual was discovered along the shore of Fermi property located outside of the Protected Area but in the Owner Controlled Area. The deceased individual is not believed to be a Fermi employee. Local Law Enforcement was notified. Michigan State Police have arrived on site. A press release is not planned at this time.

"The NRC Resident Inspector has been notified."

At the time of the report, the body had not been moved and the area has been restricted as a crime scene while the investigation is ongoing.

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| Power Reactor | Event Number: 44239 |
| Facility: BEAVER VALLEY Region: 1 State: PA Unit: [] [2] [] RX Type: [1] W-3-LP, [2] W-3-LP NRC Notified By: MICHAEL MOUSER HQ OPS Officer: JOE O'HARA | Notification Date: 05/24/2008 Notification Time: 15:06 [ET] Event Date: 05/24/2008 Event Time: 09:38 [EDT] Last Update Date: 05/24/2008 |
| Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(iv)(A) - VALID SPECIF SYS ACTUATION | Person (Organization): MEL GRAY (R1) |

| Unit | SCRAM Code | RX CRIT | Initial PWR | Initial RX Mode | Current PWR | Current RX Mode |
|------|------------|---------|-------------|-----------------|-------------|-----------------|
| 2 | N | Y | 15 | Power Operation | 15 | Power Operation |

Event Text

STEAM GENERATOR LEVEL EXCURSION

"On 5/24/2008 at 0938, with Beaver Valley Power Station Unit 2 (BVPS U2) in Mode 1 at 15% power during preparations for turbine startup, the unit experienced a steam generator level excursion. Attempts to manually control steam generator water level were unsuccessful.

"Steam Generator narrow range levels exceeded the setpoint for P-14, Steam Generator Level High High Turbine Trip. The actuation of P-14 automatically actuated the following: trip of the running Main Feedwater pump, closure of the Main and Bypass Feedwater regulating valves, and closure of the Feedwater Containment isolation valves. In addition to these signals, a turbine trip signal is generated but the turbine was not yet on-line.

"The feedwater isolation signal has been reset and normal feedwater flow has been established. Preliminary investigation has revealed that a broken air line caused the 'A' Main Feedwater pump recirculation flow control valve to fail open. This initiated the steam generator level transient. Additional investigation is in progress.

"The trip of the Main Feedwater pumps automatically started both Motor Driven Auxiliary Feedwater pumps (MDAFW). The automatic start of the MDAFW pumps from this valid system actuation is reportable under 10CFR50.72(b)(3)(iv)(A).

"The plant is currently stable in Mode 1 at 15% reactor power." AFW injected into the core.

The licensee notified the NRC Resident Inspector.

* * * UPDATE FROM MORGAN TO SNYDER ON 5/28/08 * * *

The last sentence of the original report text should read "AFW injected into the Steam Generators" since AFW does not inject into the core.

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| Power Reactor | Event Number: 44245 |
| Facility: PERRY Region: 3 State: OH Unit: [1] [] [] RX Type: [1] GE-6 NRC Notified By: TONY MCGOWAN HQ OPS Officer: HOWIE CROUCH | Notification Date: 05/28/2008 Notification Time: 22:03 [ET] Event Date: 05/28/2008 Event Time: 17:30 [EDT] Last Update Date: 05/28/2008 |
| Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(v)(D) - ACCIDENT MITIGATION | Person (Organization): KENNETH O'BRIEN (R3) |

| 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

HIGH PRESSURE CORE SPRAY INOPERABLE

"On May 28, 2008, at 1730 hours, control room operators determined after testing, that the Emergency Service Water (ESW) Division 3 subsystem was inoperable due to a condition that will not allow the subsystem to maintain 'keep-fill' pressure in the event of a loss of offsite power. Technical Specification (TS) Limiting Condition for Operation (LCO) 3.7.2 requires that the High Pressure Core Spray (HPCS) System (a single train safety system) be declared inoperable immediately when the ESW Division 3 Subsystem is inoperable. The plant immediately entered TS LCO 3.5.1 Condition B, HPCS System inoperable. TS LCO 3.5.1, Required Action B.1, verify by administrative means that the Reactor Core Isolation Cooling System is operable within one hour, was completed at 1730 hours. Required Action B.2 requires that the HPCS System be restored to operable status within 14 days. Maintenance/troubleshooting activities are in progress to determine the cause of the ESW Division 3 Subsystem condition.

"This event is being reported as a condition that could have prevented the safety function of structures or systems required to mitigate the consequences of an accident. The resident inspector has been notified."

