

To: Jim Mehl, ERU Supervisor
From: Zack Clayton, Rad Coord
Subject: November Monthly Report
Date: December 14, 2010

Beans:

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

Web Page Hits: There were 8 page views for November

Coming Attractions:

12/1 WG/After Action
1/5 WG
1/10 URSB
1/27 NEPAC

Facility Updates:

Davis-Besse Nuclear Power Station

Davis-Besse Started November at full power but reduced power to 45% November 5th on entry to a set of Technical Specifications.

A White finding for Davis-Besse was not cleared as of the most recent Supplemental Inspection report. The report for Davis-Besse is on a White finding identified in the fourth quarter of 2009 that involved the failure to implement the emergency classification and action level scheme during an actual event of an explosion in the switchyard. The objectives of this supplemental inspection were to provide assurance that: (1) the root causes and the contributing causes for the risk-significant issues were understood; (2) the extent of condition and extent of cause of the issues were identified; and (3) corrective actions were or will be sufficient to address and preclude repetition of the root and contributing causes.

Based on the results of this inspection, no findings of significance were identified.

However, the NRC concluded that the extent of cause review performed by Davis-Besse was narrow in scope in that it did not consider the root causes that led to the White finding. The NRC also concluded that the corrective actions were one-time actions that will not necessarily preclude repetition of the issue and were narrow in scope. As a result of these conclusions, the NRC will not close the White finding. Instead, the NRC will re-perform those portions of the supplemental inspection that precluded closing of the White finding.

Just before noon on 11/5 Davis-Besse Nuclear Power Station was performing maintenance on one of the two power supplies for a control rod drive mechanism. During the transfer of power to the auxiliary power supply for the mechanism, the control rod dropped to 70% of insertion. This is defined as an unexpected movement which put the plant into a Technical Specification and required the operators to reduce power to 60%. After the plant went to 60% power, one of the two main feed water pumps developed a vibration so it was removed from service. This caused the plant to enter a second Technical Specification requiring the operators to reduce power to 45%. A problem solving team was assembled to determine the cause and corrective action for the two incidents.

The pump vibration was a normal occurrence following a rapid decrease in reactor power. The pump was placed back into service following an inspection of the pump and associated equipment. The control rod has been recovered as per approved procedures and placed back onto its preferred power supply. The condition that caused the initial drop is still under investigation. There was no impact to public safety and no activation of automatic safety systems.

On Tuesday, Nov. 23, Davis-Besse discovered the dedicated phone that Davis-Besse uses to contact the NRC from the control room was not functional. The back-up phone was also not functional. Both phones were returned to service within two hours. The outage was due to a faulty cable which was replaced. The NRC was contacted.

The new replacement reactor head was delivered to the Davis-Besse site just before 5 p.m. November 29th.

Perry Nuclear Power Plant

Perry operated at full power for November.

Beaver Valley Power Station

On 11/16/10, Beaver Valley Power Station Unit 1 determined that leakage from the Low Head Safety Injection system in conjunction with a postulated Design Basis Accident (DBA) Loss Of Coolant Accident (LOCA) with transfer to Safety Injection Recirculation would result in dose exceeding the Dose Analysis for the Exclusion Area Boundary

(EAB) and the Control Room. Since the control room envelop space at Beaver Valley is shared this event affects both units. This leakage was repaired within 16 hours of discovery. See Event number 46421.

Beaver Valley Unit I

Beaver Valley Unit I started the month in a refueling outage and synchronized to the grid early November 4th.

Beaver Valley Unit II

Beaver Valley Unit II operated at full power for November.

Fermi II

Fermi started November in a refueling outage.

On 11/3/10 at 1235 The Safety Parameter Display System (SPDS) and Emergency Response Data System (ERDS) were removed from service to support activities for a planned maintenance outage on the UPS vital bus power supply. This was back in service on 11/6. See event number 46388.

On 11/23/10 at 1145, a verbal report to the Michigan Department of Natural Resources & Environment (MDNRE) was made relating to a sewage leak to the ground from the Training Building restrooms. See Event number 46433.

On 11/24/10 at 1515, the Safety Parameter Display System (SPDS) and Emergency Response Data System (ERDS) were removed from service to support activities for a planned maintenance outage on the UPS vital bus power supply. This was back in service on 11/26. See Event number 46436.

On 11/25 a contractor was injured and transported offsite for medical treatment. Contaminated material from the injury was returned to the site that day. See Event Number: 46438.

Portsmouth Gaseous Diffusion Plant

The site had an employee who suffered a heart attack and was transported offsite. See Event number 46427.

Activity:

11/9 Working Group The new Radiological Branch personnel were introduced to the working group an with the addition of a new Lake County Rad Anyalist the Branch is again fully staffed. The Perry exercise report was

discussed along with the push back to FEMA on the State ARCA. There was also commentary in the report on the coordination of data from field teams. This will be addressed in a procedure review by the Dose Assessment agencies.

11/10 IZRRAG Table Top This occurred more as a training session than a table top drill as there were many observers and people who had never participated in the Ingestion Zone Recovery and Re-entry Advisory Group. In a way this was fortunate in that several assumptions were challenged and proved the need for a separate review of the IZRRAG procedures that will happen after the emergency phase procedures review.

Office Issues:

11/8 SMS training with John Vlasko.

A link search is being done to check that the new web address is used on all offsite links.

NRC Reports and Statistics:

November operating power levels

Date	BV1	BV2	DB	Fermi2	Perry	
1	0	100	100	0	100	
4	15	100	100	0	100	BV1 exiting Reueling, increasing power 3%/hr
6	89	100	48	0	100	DB trouble shooting a dropped control rod.
7	100	100	45	0	100	
8	100	100	55	0	100	
15	100	100	100	0	100	
22	100	100	100	0	100	
29	100	100	100	0	100	
30	100	100	100	0	100	

Information Notices

The 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/2010/>. To access these documents use the ADAMS Accession number listed with the title. This is in the format of : ML #####

Beaver Valley Power Station, Unit Nos. 1 and 2 - Request for Additional Information Regarding the Risk-Informed Inservice Inspection Program Relief Requests (TAC Nos. ME4104 and ME4105)

ADAMS Accession: ML102980099

Information Notice 2010-22, Fuel Assemblies Damaged During Refueling Operations Due To Misalignment, dated October 25, 2010
(ML102200071)

Davis-Besse Supplemental Inspection Report 2010503

ADAMS Accession No. ML103050394

Information Notice 2010-23, Malfunctions of Emergency Diesel Generator Speed Switch Circuits, dated November 1, 2010
(ML102420002)

Fermi: NRC Initial License Examination Report 2010301

ADAMS Accession No. ML103070327

Errata for Perry Nuclear Power Plant NRC Integrated Inspection Report 05000440/2010004 – ML103130239

Fermi, Unit 2 - Environmental Assessment and Finding of No Significant Impact

ADAMS Accession Number: ML102660259

FERMI UNIT 1 MASTER INSPECTION PLAN- FISCAL YEAR 2011

Adams Accession No. ML102860117

Perry: Requalification Program Inspection

ADAMS Accession No. ML103140688

G20100192/EDATS: OEDO-2010-0267 2.206 Proposed Directors Decision Lochbaum Letter – ADAMS Accession no. ML103020411

G20100192/EDATS: OEDO-2010-0267 re: 2.206 proposed directors decision re: Davis Besse Lochbaum ltr. – ADAMS Accession no. ML103020469

Davis-Besse: Notification of an NRC Supplemental Inspection - Follow-up

ADAMS Accession No. ML103160345

FERMI UNIT 1 MASTER INSPECTION PLAN- FISCAL YEAR 2011

Adams Accession No. ML102860117

Davis-Besse Information Request to Support Upcoming PI&R Inspection – ML103200353

Perry Nuclear Power Plant, Unit No. 1 - Project Manager Reassignment –

ADAMS Accession no. ML103140411

FirstEnergy Nuclear Operating Company (FENCO) Fleet - Project Manager Reassignment-
ADAMS Accession no. ML103220360

Perry Nuclear Power Plant, Unit No. 1 - Relief Request VR-7, One-Time Replacement
Frequency Extension –

ADAMS Accession no. ML103200668

DAVIS-BESSE SUMMARY LETTER of Nov 16 Public Meeting

ADAMS ACCESSION# ML103260348

Davis-Besse: Davis-Besse Nuclear Power Station, Unit No. 1, License Renewal Application
Review

ADAMS Accession No. ML102980140

Davis-Besse: Request for List of Protected Species Within the Area Under Evaluation for the
Davis-Besse Nuclear Power Station, Unit No. 1, License Renewal Application Review

ADAMS Accession No. ML102980430

Davis-Besse: Request for Scoping Comments Concerning the Davis-Besse Nuclear Power
Plant, Unit No. 1, License Renewal Application Review

ADAMS Accession No. ML103000164

Beaver Valley Power Station, Unit No. 2 - Request for Additional Information Re: Service Water
Pump Testing, Inservice Testing Program (TAC Nos. ME4385 and ME4393)

ADAMS Accession: ML103190677

RIS 2010-10, Process For Scheduling Acceptance Reviews Of New Reactor Licensing
Applications And Process For Determining Budget Needs For Fiscal Year 2013, dated
November 15, 2010

(ML102720901),

Information Notice 2010-25, Inadequate Electrical Connections, dated Nov. 17, 2010
(ML102530012)

Davis-Besse: Request for List of Protected Species within the Area Under Evaluation for
the Davis-Besse Nuclear Power Station License Renewal Application Review

Adams Accession No. ML 102980688

Fermi, Unit 2 - Exemption from Certain Low-Level Waste Shipment Tracking Requirements of
10 CFR Part 20, Appendix G, Section III.E (TAC No. ME3331)

ADAMS Accession Number: ML102640725

Information Notice 2010-24, Notice Of Possible Source Leakage During Non-Routine
Maintenance On A Gammacell 40 Irradiator, dated November 19, 2010

(ML102800027)

Perry: NRC Security Baseline Inspection Report 2010 403 - Cover Letter Only

ADAMS Accession No. ML103330522

<http://www.toledoblade.com/apps/pbcs.dll/article?AID=/20101105/NEWS16/11040350>

Article published November 5, 2010

Davis-Besse backers at sessions press NRC to extend plant's license

By TOM HENRY

BLADE STAFF WRITER

PORT CLINTON - Dubious past or not, FirstEnergy Corp.'s Davis-Besse nuclear plant has a lot of fans.

They came in the form of utility executives, plant employees, Ottawa County officials, spokesmen from the United Way, the American Red Cross, an area soup kitchen, labor unions, and even one of the region's top birding organizations Thursday.

One by one, they approached the microphone in the Camp Perry Lodging and Conference Center west of Port Clinton to tell the Nuclear Regulatory Commission they would like to see the plant's operating license extended by 20 years, from April 22, 2017, through late April, 2037.

Virtually none of them, though, spoke to the environmental ramifications of Davis-Besse's continued operation, which was the NRC's purpose for that meeting and a subsequent one at night. The agency is gathering the public's thoughts about Davis-Besse's relationship with the natural world through Dec. 27 as it readies an environmental impact statement, one of many steps of a license-review process that is expected to last 22 to 30 months.

Nearly all comments were about the plant's jobs, their economic impact, the tax revenue the plant generates, and the millions of dollars FirstEnergy has donated to worthy causes.

"Davis-Besse and FirstEnergy are an incredible community partner, both philanthropically and economically," Chris Galvin, the United Way of Greater Toledo's Ottawa County director, said. "We can only hope this will happen another 20 years." Ottawa County Administrator Jere Witt, who for years has been part of FirstEnergy's internal Davis-Besse review board, said he witnessed the transition from the plant's bleakest days to its steady performance today. "Through my past involvement, I have no concerns about the safety of Davis-Besse," Mr. Witt said.

The Black Swamp Bird Observatory was the only environmental group that spoke at the daytime meeting, attended by about 60 people.

Kimberly Kaufman, the group's executive director, said she was pleased that an access agreement to the rear of the Davis-Besse complex was not cut off after the terrorist attacks of Sept. 11, 2001, when U.S. nuclear plants were ordered to heighten security. Employees monitor the operation of the nuclear power plant, which has been fined for lapses.

Davis-Besse, which is along Lake Erie and 30 miles east of Toledo, was built in the heart of a federally protected wildlife refuge.

Birders for years have been allowed access behind the nuclear plant; the agreement was especially important to the Black Swamp Bird Observatory, which has compiled one of the most extensive databases on Lake Erie migratory songbirds. It has its

Navarre Marsh banding station behind the nuclear facility.

"The marsh represents critical stopover habitat," Ms. Kaufman said. She said FirstEnergy "understood the importance of our research and we didn't miss a single day."

Not all were so forgiving of FirstEnergy's past, which include a record \$33.5 million in fines for withholding information or lying to the government about the dangerous state of Davis-Besse's reactor head in the fall of 2001.

The NRC discovered during a refueling shutdown the next spring that the mammoth reactor lid had nearly burst, which would have allowed radioactive steam to form inside the containment of a U.S. nuclear facility for the first time since the half-core meltdown of Three Mile Island Unit 2 in Pennsylvania in 1979.

Another near-catastrophe occurred at Davis-Besse in 1985.

U.S. Rep. Dennis Kucinich (D., Cleveland), a frequent critic of FirstEnergy, said in a letter Thursday to NRC Chairman Gregory B. Jackzko that the utility does not deserve a license extension at Davis-Besse because of its "pathetic record in protecting the safety of people who live in the region." Many of the people he represents live downwind of the plant.

The congressman's letter was read at the meeting by a district staff member, Stephen T. Inchak.

It said recent events - such as FirstEnergy's attempt to keep Davis-Besse's replacement head in service until 2014 despite its premature aging, and the utility's failure to declare an alert when an explosion occurred at its on-site electrical transmission switchyard on June 25, 2009 - suggest FirstEnergy "still has a corporate culture that is more focused on costs and profits than it is on safety."

"The NRC must continue to keep a close watch on Davis-Besse between now and 2017, and then should ensure that this aging reactor with a deplorable history of operations and maintenance be safely shut down and decommissioned at the end of its current license," Mr. Kucinich's letter said.

FirstEnergy eventually agreed to replace Davis-Besse's latest head in 2011.

The NRC said Monday the utility remains under investigation for its failure to declare an alert for the 2009 incident.

U.S. Rep. Marcy Kaptur (D., Toledo), whose district includes Ottawa County, could not be reached for comment.

Contact Tom Henry at:

thenry@theblade.com

or 419-724-6079.

Davis-Besse plant seeking license renewal

BY CATHARINE HADLEY • STAFF WRITER • NOVEMBER 5, 2010

ERIE TOWNSHIP -- Officials at Davis-Besse Nuclear Power Station are seeking another 40-year license renewal.

The current license, which was issued in 1977, is scheduled to expire April 22, 2017.

Officials from the U.S. Nuclear Regulatory Commission and FirstEnergy, which operates the nuclear power plant, had two meetings Thursday at Camp Perry to let the public learn about the process and to air concerns.

Brian Harris, the safety project manager in charge of the license renewal application, said his agency will have to determine what effect aging will have on the plant, and whether those effects will be managed. "The same rules that apply to the current license will be applied to the new license," he said. The process includes a review by the Advisory Committee on Reactor Safeguards, an independent group of scientists and other experts.

Paula Cooper, who is the project manager for the environmental review, said she will look at issues such as water and land quality, archaeology and cultural resources and radiation protection. "License renewal is classified as a major federal action," she said. Her department will publish a draft of the environmental impact statement, and another public meeting will be scheduled. After the final environmental impact statement is issued, hearings could be scheduled. The entire process could take between 22 and 30 months.

Members of the public who did not attend Thursday's meetings are encouraged to contact the NRC to voice their concerns.

"We know you're the experts in your community," Cooper said.

During the evening meeting, President of the Ottawa County Board of Commissioners Mark Stahl, county administrator Jere Witt and Mike Drusbacky, the deputy director of the Ottawa County Emergency Management Agency spoke in favor of the license renewal. Drusbacky and one of his Lucas County counterparts, Matthew Heyrman, both said their agencies are better prepared for several types of disasters because personnel engage in training at the nuclear power plant on a regular basis.

"We fully support how they've changed the safety culture and frankly, they have new personnel," Witt said, citing problems in 2002 that caused a prolonged shut-down. "Let's remember that this is the lives of people in Ottawa County and not let people with political agendas somehow taint that process. People in Ottawa County have and will support Davis-Besse," Witt said.

Two people voiced objections.

Joseph DeMare, of the Green Party of Wood County, asked the NRC to have another similar meeting. He wanted to see cooperation with the Canadian government, as well as research on the effect the wastewater could have on invasive species in Lake Erie. Among other issues, he was concerned about safety for first responders, the possibility of an earthquake along the New Madrid fault line, and the Clyde-Green Springs cancer cluster. "I think if any license should be denied, it should be Davis-Besse," DeMare said. Patricia Marida, the chairwoman of the nuclear issues of the Ohio Sierra Club, came from Columbus for the meeting. She said her club opposes any sort of nuclear energy because of the radioactive waste involved, and said it causes more of a carbon footprint and global warming than other sources of energy.

According to Marida, Ohio's use of electricity is dropping. She said the renewal of the license constitutes "reckless disregard for public safety."

Article published November 1, 2010

Public asked for its input on license extension at Davis-Besse

Nuclear plant seeks OK for 20 more years

By TOM HENRY

BLADE STAFF WRITER

PORT CLINTON - The Nuclear Regulatory Commission wants to know what the public thinks of FirstEnergy Corp.'s application to extend the operating license of its beleaguered Davis-Besse nuclear plant by 20 years.

Residents are invited to weigh in Thursday at a pair of two-hour meetings, starting at 1:30 p.m. and 7 p.m., respectively, at the Camp Perry Lodging and Conference Center, 1000 Lawrence Rd., Building 600.

Both meetings will have an identical format. An hourlong open house will precede each.

The meeting and site of the open house is on the Ohio National Guard's Camp Perry training complex west of Port Clinton. Those wishing access must present government-issued identification and consent to a vehicle search.

FirstEnergy Corp. has nearly 6 1/2 years left on Davis-Besse's operating license, which expires April 22, 2017. FirstEnergy wants to extend it through April, 2037. As with all applications, the agency's review process is expected to take several years. Details, including the time frame, will be presented at the meetings, the agency said.

The meetings are to focus on what people see as environmental issues if the 33 1/2-year-old Ottawa County nuclear plant continues operating past 2017. Davis-Besse, which came online in April, 1977, is along the Lake Erie shoreline about 30 miles east of Toledo.

Many of today's 104 operating nuclear plants are expected to be granted 20-year extensions, in large part because of the United States' rising energy needs and a lack of newer plants coming online to replace them.

Davis-Besse has experienced problems during its existence: in 1985 when the feedwater flow was interrupted for 12 minutes, in 2002 when the plant's nuclear reactor head nearly burst, and then again this year when a reactor head showed signs of aging.

Their original licenses were good for 40 years, although regulatory commission officials have said that time frame did not have an engineering basis. Rather, it is the time expected to be needed to pay off construction bonds.

Links to Davis-Besse documents on file with the agency - including FirstEnergy's 1,810-page application and its 648-page environmental report - are at

www.nrc.gov/reactors/operating/licensing/renewal/applications/davisbesse.html.

Additional information on the license renewal process and the public meeting is at www.nrc.gov/reactors/operating/licensing/renewal.html.

Further information can be obtained by e-mailing the NRC's Office of Public Affairs at opa.resource@nrc.gov or going to www.nrc.gov.

FirstEnergy submitted its application for Davis-Besse's license extension on Aug. 30. Copies of the application will be made available at the Ida Rupp Public Library, 310 Madison St. in Port Clinton, and the Toledo-Lucas County Public Library, 325 North Michigan St. in Toledo.

Davis-Besse experienced a 12-minute interruption in the feedwater flow to steam generators on June 9, 1985. The potentially catastrophic event idled the plant for more than a year.

Then, in 2002, Davis-Besse's old nuclear reactor head nearly burst. The lid was weakened by massive amounts of acid that had leaked from the reactor over several years. The acid induced heavy corrosion on top of the head. Radioactive steam would have formed in a U.S. nuclear containment vessel for the first time since the 1979 half-core meltdown of Three Mile Island Unit 2 in Pennsylvania if Davis-Besse's lid had been breached.

The only thing preventing that was a thin stainless steel liner that had started to crack and bulge, records show. Correcting the problem kept the Davis-Besse idle a record two years. Federal prosecutors later described the incident as one of the biggest cover-ups in U.S. nuclear history.

Two former Davis-Besse engineers were convicted of withholding information and put on probation; the utility itself wound up paying a record \$33.5 million in civil and criminal fines. Davis-Besse resumed operation in 2004 but was unexpectedly sidelined again for several weeks earlier this year after a 25-year-old reactor head the utility had installed to replace the original one showed signs of premature aging. Officials said the device was made of an inferior alloy. Several of its metal nozzles became brittle and starting cracking. Davis-Besse returned to service in early summer and is back at full power. Contact Tom Henry at: thenry@theblade.com or 419-724-6079.

Power Reactor	Event Number: 46388
Facility: FERMI Region: 3 State: MI Unit: [2] [] [] RX Type: [2] GE-4 NRC Notified By: MARK EGHIGIAN HQ OPS Officer: JOHN KNOKE	Notification Date: 11/03/2010 Notification Time: 13:15 [ET] Event Date: 11/03/2010 Event Time: 12:35 [EDT] Last Update Date: 11/03/2010
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(xiii) - LOSS COMM/ASMT/RESPONSE	Person (Organization): JOHN GIESSNER (R3DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
2	N	N	0	Refueling	0	Refueling

Event Text

SPDS AND ERDS REMOVED FROM SERVICE FOR MAINTENANCE

"On 11/3/10 at 1235 EDT Safety Parameter Display System (SPDS) and Emergency Response Data System (ERDS) were removed from service to support activities for a planned maintenance outage on the UPS vital bus power supply. The duration of work is expected to be approximately 48 hours. During this time, the majority of the Control Room indications remain available to the plant staff, and will be used for emergency response, if needed. Information will be communicated to the NRC using other available communication systems, if needed. The plant is currently in Mode 5, and will remain in Mode 5, for the duration of the SPDS and ERDS unavailability. Since the unavailability will last greater than 8 hours, this is considered a Loss of Emergency Assessment Capability, and reportable under 10CFR50.72(b)(3)(xiii).

"Followup notification will be made when SPDS and ERDS have been restored."
 * * * UPDATE TO PETE SNYDER FROM MARK EGHIGIAN AT 1414 EDT ON 11/6/2010 * * *

"Update to event # 46388: on 11/6/2010 at 1000 EDT, regarding SPDS and ERDS system removed from service to support planned outage on the UPS vital power supply.

"Planned work which resulted in the removal from service of the SPDS and ERDS has been completed. All emergency assessment capabilities have been restored."

The licensee notified the NRC Resident Inspector.

Notified R3DO (Giessner).

Power Reactor	Event Number: 46421
Facility: BEAVER VALLEY Region: 1 State: PA Unit: [1] [] [] RX Type: [1] W-3-LP,[2] W-3-LP NRC Notified By: MICHAEL KOGELSCHATZ HQ OPS Officer: JOHN SHOEMAKER	Notification Date: 11/16/2010 Notification Time: 05:48 [ET] Event Date: 11/16/2010 Event Time: 00:01 [EST] Last Update Date: 11/16/2010
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(ii)(B) - UNANALYZED CONDITION 50.72(b)(3)(v)(C) - POT UNCNTRL RAD REL	Person (Organization): HAROLD GRAY (R1DO)

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

CONTROL ROOM ENVELOPE INOPERABLE DUE TO EXCESSIVE EMERGENCY CORE COOLING SYSTEM RELIEF VALVE LEAKAGE DURING ECCS PUMP SURVEILLANCE TESTING

"The Licensee identified that Emergency Core Cooling System (ECCS) leakage exceeded the allowable limit as described in the Updated Final Safety Analysis Report (UFSAR). This is being reported as an Unanalyzed Condition in accordance with 10CFR50.72(b)(3)(ii)(B) and 10CFR50.72(b)(3)(v)® Control of Rad Release.

"The leakage from the Low Head Safety Injection discharge relief valve occurred during Low Head Safety Injection Pump surveillance testing. Efforts to resolve the lifting of the Low Head Safety Injection discharge relief valve are in progress.

"At 0001 [EST] on 11/16/10, Beaver Valley Power Station Unit 1 determined that leakage from the Low Head Safety Injection system in conjunction with a postulated Design Basis Accident (DBA) Loss Of Coolant Accident (LOCA) with transfer to Safety Injection Recirculation would result in dose exceeding the Dose Analysis for the Exclusion Area Boundary (EAB) and the Control Room. The projected dose would exceed the 10CFR50.67 EAB dose limit, and the 10CFR50 GDC 19 Control Room limit, assuming the leakage continued during the postulated DBA event.

"Beaver Valley Units 1 & 2 share a common Control Room Envelope, which has been declared inoperable as a result of this condition. Technical Specification Limiting Condition for Operation 3.7.10, Condition B, has been applied.

"The Senior NRC Resident has been informed of the condition [by the Licensee]."

Notified R1DO (Harold Gray).

* * * UPDATE FROM DAVID SHARBAUGH TO DONALD NORWOOD AT 1448 EST ON 11/17/2010 * * *

"Actions have been completed to prevent leakage from the degraded Low Head Safety Injection System relief valve at BVPS Unit 1. Following successful completion of the post-maintenance test, the BVPS Unit 1 Low Safety Injection System was declared operable and applicable Technical Specification Actions at both BVPS Units were exited at 1545 hours on 11/16/1010.

"The Senior NRC Resident Inspector has been notified."

Notified R1DO (Gray).

Fuel Cycle Facility	Event Number: 46427
Facility: PORTSMOUTH AMERICAN CENTRIFUGE RX Type: URANIUM ENRICHMENT FACILITY Comments: 2 DEMOCRACY CENTER 6903 ROCKLEDGE DRIVE BETHESDA, MD 20817 Region: 2 City: PIKETON State: OH County: PIKE License #: SNM-2011 Agreement: Y Docket: 70-7004 NRC Notified By: JIM MCCLEERY HQ OPS Officer: JOE O'HARA	Notification Date: 11/18/2010 Notification Time: 16:40 [ET] Event Date: 11/18/2010 Event Time: 13:41 [EST] Last Update Date: 11/19/2010
Emergency Class: NON EMERGENCY 10 CFR Section:	Person (Organization): ALAN BLAMEY (R2DO)

PART 70 APP A (c) - OFFSITE NOTIFICATION/NEWS REL

TIM MCCARTIN (NMSS)
JEFFERY GRANT (IRD)

Event Text

OFFSITE NOTIFICATION TO OSHA DUE TO ONSITE FATALITY

The American Centrifuge Plant (license SNM-2011) reported an employee collapsed in the Centrifuge Test and Training Facility, was transported offsite to a medical facility, and subsequently died. Initial reports indicate that the employee died of natural causes.

The licensee notified Region 2 (D. Hartland) of the event.

* * * UPDATE FROM CRABTREE TO KLCO ON 11/19/2010 AT 1054 EST * * *

On 11/18/2010, at 1551 EST, the licensee commenced notification of OSHA and completed notification at 1602 EST on the same day.

Notified R2DO (Rich), NMSS-E(McCartin) and IRD (Grant).

* * * UPDATE AT 1555 EST ON 11/29/10 FROM THOMAS MARTIN TO ERIC SIMPSON * * *

The licensee called with administrative corrections (facility, docket and license numbers) to the original event notification.

Notified R2DO (Schaffer), NMSS-E(Benner) and IRD (Grant).

Power Reactor	Event Number: 46433
Facility: FERMI Region: 3 State: MI Unit: [2] [] [] RX Type: [2] GE-4 NRC Notified By: MARK EGHIGIAN HQ OPS Officer: DONALD NORWOOD	Notification Date: 11/23/2010 Notification Time: 14:53 [ET] Event Date: 11/23/2010 Event Time: 11:45 [EST] Last Update Date: 11/23/2010
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(xi) - OFFSITE NOTIFICATION	Person (Organization): BILLY DICKSON (R3DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
2	N	N	0	Cold Shutdown	0	Cold Shutdown

Event Text

OTHER GOVERNMENT AGENCY NOTIFICATION DUE TO SEWAGE LEAK

"On 11/23/10 at 1145 EST, a verbal report to the Michigan Department of Natural Resources & Environment (MDNRE) was made relating to a sewage leak to the ground from the Training Building restrooms. The onsite Facilities Maintenance Journeyman discovered mud and stones while clearing a drain to relieve a blockage. An immediate repair of the broken drain is being implemented. The plant is currently in Mode 4, in Refueling Outage 14 (RF14). Since a verbal report was made to the MDNRE, this is considered a News Release / Notification of Other Government Agency, and is reportable under 10CFR50.72(b)(2)(xi)."

The licensee notified the NRC Resident Inspector. The licensee also notified the Monroe County Health Department.

Power Reactor	Event Number: 46436
Facility: FERMI Region: 3 State: MI Unit: [2] [] [] RX Type: [2] GE-4 NRC Notified By: JIM KONRAD HQ OPS Officer: DONALD NORWOOD	Notification Date: 11/24/2010 Notification Time: 16:00 [ET] Event Date: 11/24/2010 Event Time: 15:15 [EST] Last Update Date: 11/24/2010
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(xiii) - LOSS COMM/ASMT/RESPONSE	Person (Organization): BILLY DICKSON (R3DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
2	N	N	0	Cold Shutdown	0	Cold Shutdown

Event Text

SAFETY PARAMETER DISPLAY SYSTEM AND EMERGENCY RESPONSE DATA SYSTEM OUT OF SERVICE FOR PLANNED MAINTENANCE

"On 11/24/10 at 1515 EST, the Safety Parameter Display System (SPDS) and Emergency Response Data System (ERDS) were removed from service to support activities for a planned maintenance outage on the UPS vital bus power supply. The duration of work is expected to be approximately 48 hours. During this time, the majority of the Control Room indications remain available to the plant staff, and will be used for emergency response, if needed. Information will be communicated to the NRC using other available communication systems, if needed. The plant is currently in Mode 4, and will remain in Mode 4, for the duration of the SPDS and ERDS unavailability. Since the unavailability will last greater than 8 hours, this is considered a Loss of Emergency Assessment Capability, and reportable under 10CFR50.72(b)(3)(xiii).

"Followup notification will be made when SPDS and ERDS have been restored."

The licensee notified the NRC Resident Inspector.

* * * UPDATE AT 1850 EST ON 11/26/10 FROM JIM KONRAD TO S. SANDIN * * *

"Update to Event #46436: On 11/26/10 at 1733 EST, regarding Safety Parameter Display System (SPDS) and Emergency Response Data System (ERDS) systems removed from service to support planned maintenance on the UPS vital bus power supply.

"Planned work which resulted in the loss of SPDS and ERDS is complete. All Emergency Assessment Capabilities have been restored."

The licensee informed the NRC Resident Inspector. Notified R3DO (Dickson).

Power Reactor	Event Number: 46438
Facility: FERMI Region: 3 State: MI Unit: [2] [] [] RX Type: [2] GE-4 NRC Notified By: MARK EGHIGIAN HQ OPS Officer: DONG HWA PARK	Notification Date: 11/25/2010 Notification Time: 09:01 [ET] Event Date: 11/25/2010 Event Time: 03:57 [EST] Last Update Date: 11/25/2010
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(xii) - OFFSITE MEDICAL	Person (Organization): BILLY DICKSON (R3DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
2	N	N	0	Cold Shutdown	0	Cold Shutdown

Event Text

INJURED PERSONNEL WITH SEVERED CONTAMINATED FINGERS
TRANSPORTED OFFSITE

"No reactor systems were impacted, no initiations of any safety systems or any plant events occurred. Report is for transportation of contaminated fingers with an injured non-contaminated person to a hospital for potential reattachment.

"Fermi 2 is currently in a refueling outage. At 0300, the control room was informed that an individual, who was assisting in rigging of a Reactor Shield Block ([approximately] 100 tons), received an injury when his fingers were pinched between the Reactor Cavity wall and the Reactor Shield Block severing portions of two fingers.

"The portions of the fingers remained in PC Clothing (gloves) and decontamination was unsuccessful. The fingers were treated as contaminated material and transported to the hospital by radiation protection personnel. This material [contaminated fingers] was deemed unusable and at 0540 all bio-hazard/contaminated material was returned to the Fermi site."

The NRC Resident Inspector has been notified.
