

To: Jim Mehl, ERU Supervisor
From: Zack Clayton, Rad Coord
Subject: March Monthly Report
Date: April 8, 2010

Beans:

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

Web Page Hits: There were 61 page views for March

Coming Attractions:

Working Group 4/7
After Action 4/7
URSB 4/12
BV Exercise 4/20
RAT training 4/27-29
Working group 5/7

Facility Updates:

Davis Besse Nuclear Power Station

Davis Besse started March in RFO16 which began February 28.

At about noon on Monday, March 1, Davis-Besse Nuclear Power Station discovered a "sink hole" inside the protected area. The sink hole was due to a break in a line from a sump in the turbine building to the south settling basin that is used only during outages for drainage. The drain line was closed off at 1215. Although the numbers have not been confirmed, it is estimated that about 100 gallons of water spilled into the ground. It is not clear if this was a total amount since the start of the outage or the total amount from when the sink hole was discovered. Normally, more than 100 gallons of water leakage would be required to form a sink hole. A sample taken from the sump indicated 24,000 pico-curies of tritium per liter of water.

Davis-Besse is running temporary hoses to replace the buried line. The tritium levels in the sump are not abnormal and would normally flow to the south settling basin which is monitored. This is not reportable to the NRC; although the resident inspector has been

notified.

Davis-Besse Nuclear Power Station is required to conduct a reactor head examination as part of the refueling outage. The examination includes a visual and ultrasonic examination of the head and of the 69 control rod drive mechanism (CRDM) nozzles penetration through the head. The Station has completed the examination of 50 of the nozzles 16 of the nozzles examined indicating evidence of axial cracking with 2 of the nozzles indicating through wall leakage. Boric acid deposits are visible on the reactor head from the leakage.

Additional examinations will be conducted on the remainder of the nozzles to include examinations for circumferential cracking and eddy current testing on all nozzles prior to replacing the head. Repairs will be made to any cracking found prior to start up. The NRC has been informed. FENOC news release links attached. See Event Report no. 45764.

<http://www.prnewswire.com/news-releases/planned-refueling-outage-at-davis-besse-plant-to-include-repairs-to-reactor-head-nozzles-87640937.html>

<http://www.craigslist.com/article/20100315/FREE/100319901/1003&Profile=1003>

The NRC has dispatched a Special Inspection Team to the Davis-Besse Nuclear Power Station to review the circumstances surrounding the discovery of crack indications in multiple Control Rod Drive Mechanism (CRDM) nozzles, which guide the control rods into the reactor core to shut down the reactor. The Special Inspection will provide the NRC a clear picture of how and why the damage to the CRDM nozzles occurred and to ensure the repairs to the nozzles are thorough and will ensure safe operation of the plant.

There is no danger to the public from these cracks since the plant has been shut down on February 28 for a scheduled refueling outage. Before the plant can resume operations, the NRC must be satisfied that the problem has been addressed.

The NRC press release is "No. III-10-006"

Perry Nuclear Power Plant

Perry operated at full power for the month of March.

On April 27, 2009, while shutdown for a refueling outage, Perry Nuclear Power Plant lost the capability to provide residual heat removal. RHR (residual heat removal) train A tripped off-line. RHR train B was unavailable. The root cause was a blown fuse to a common suction valve (for both A and B trains). The loss occurred at 1730 on April 27. The fuse was identified and replaced at 1816 and the pump restarted at 1835 hrs on April 27. This event was reported to the NRC as a reportable event on April 27 but retracted on April 28, 2009. The event has since been re-evaluated and reported to the NRC on March 10, 2010 as a NRC 10 CFR 50.72(b)(3)(v)(B) reportable event: "Any

event or condition that could have prevented the fulfillment of the safety function of structures, or systems that are needed to remove residual heat." See Event Report No. 45025.

On Monday, March 15 the Perry Nuclear Power Plant removed their plant computer from service rendering ERDS, CADAP, and E-data unavailable for about 4 hours. A notification was made to the NRC. See Event Report 45768.

At 6:18 pm on Sunday, March 28, Perry Nuclear Power Plant had indications of a lube oil fire in the heater bay (a non safety building) that housed the Reactor Feed Pump Turbine B. The Pump was manually tripped and the reactor power was reduced to approximately 70% power. The Motor Driven Feed Pump started as designed. Eight Fire Departments responded to the site. Due to the heat in the heater bay of over 100 degrees ambient temperature, the stay time was only approximately 15 minutes. The actual fire was very small but the effort to extinguish was protracted over approximately 3 hours due to the heat associated with the fire (hot metal of over 400 degrees) and the concern with reflash. The heater bay is the building furthest north and not a safe shutdown building. The plant was powered down to 85% power. The fire was extinguished at 9:22 pm on Sunday, March 28. Two fire brigade members were transported by ambulance to Tri-Point Medical Center for signs of heat exhaustion. The individuals were not contaminated.

Damage assessment is ongoing. The NRC was notified. See Event no. 45798

Ohio EMA asked for clarification on why this event was not declared as an Unusual Event. It did not meet the requirements for a NOUE: a fire lasting longer than 15 minutes in a safe shutdown building. The location did not affect any safe shutdown functions.

Beaver Valley Power Station

Beaver Valley Unit I

Beaver Valley Unit I operated at full power for March.

Beaver Valley Unit II

Beaver Valley Unit II operated at full power for March.

Fermi II

Fermi operated at full power for March until 3/25/10, when the reactor mode switch was taken to shutdown following an automatic scram due to a main turbine trip. The cause of the trip is unknown and is under investigation. See Event No. 45789.

Portsmouth Gaseous Diffusion Plant

Portsmouth reported an inadvertent release of radioactive contaminated material to an off-site location in Pike County on Monday, March 8. The contaminated items consisted of 5, 5-gallon buckets containing "rusty" solution. The highest contaminated levels were on one bucket with 14K Beta removable and 50K fixed. There is a filtering unit in Atlanta, GA that remains to be surveyed. A team of USEC health physics personnel is preparing to travel to Atlanta to complete the surveys. Details follow:

In February, Integrated Environmental Services (IES), was removing fluorine from a segment of a pipe/line that was eventually going to be removed. It was assumed that the line did not contain any radioactive materials. A segment of the same line had been removed in 2006 without any evidence of radioactive material contamination. After the fluorine was removed, the line was "rinsed" with water. Several buckets of fluid were removed from the line, some of the buckets contained a rusty water solution. All of the fluid was disposed of on-site. The empty buckets along with other work items were being stored at an offsite garage at 10 Fairgrounds Rd in Piketon, Ohio. In March a survey of the line was conducted in preparation for the removal of the segment of pipe/line. This survey indicated fixed radioactive contamination inside the segment of pipe/line. Subsequent to the discovery of contamination, the buckets and other materials were retrieved from the garage. Five of the buckets showed both fixed and loose contamination. A survey was also conducted of the offsite garage and showed no indications of contamination. Other materials used for the job were also clean of radioactive contamination. A laboratory analysis will identify the radioactive isotopes in the contaminant.

There were be an internal investigation conducted by USEC/Portsmouth. A copy of the final report will be sent to us. See NRC Event Report No. 45752.

Activity:

- 3/2 Working Group at OEMA. Agency Updates, Davis-Besse Inspections and findings, Beaver Valley exercise and training schedule for the different response groups, and review of the initiatives.
- 3/5 Assessment Training. What is new and what will be displayed from which system. Flow of data and decision making.
- 3/23 BV Dry Run exercise. There were issues. Leader alert appears to be not what was advertised. The 800 number was not contacted, the system bypassed our primary contact to go to secondary management contacts with no information. This needs to be addressed in who gets called and what the expectations are. There were other issues with the drill data and communications.

Office Issues:

None at this time.

NRC Reports and Statistics:

March operating power levels

Date	BV1	BV2	DB	Fermi2	Perry	
1	100	100	0	100	100	Davis-Besse – refueling outage
8	100	100	0	100	100	
15	100	100	0	100	100	
22	100	100	0	100	100	
25	100	100	0	0	100	Fermi Trip signal under investigation.
29	100	100	0	4	85	Perry Lube fire in outbuilding.
31	100	100	0	37	85	

Information Notices

Attached is an PDF version RIS 2010-02, The Global Threat Reduction Initiative (GTRI) Federally Funded Voluntary Security Enhancements for High-Risk Radiological Materials, dated January 21, 2010 (ML100150354), that has been posted to the NRR GCC Web, along with the URL for Web access to generic communications files on the NRC Homepage:

<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2010/>

Attached is an PDF version RIS 2010-01, Process For Scheduling Acceptance Reviews Of New Reactor Licensing Applications And Process For Determining Budget Needs For Fiscal Year 2012, dated February 3, 2010 (ML093230517), that has been posted to the NRR GCC Web, along with the URL for Web access to generic communications files on the NRC Homepage:

<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2010/>

Beaver Valley - Public Meeting Notice, March 31, 2010

The document is 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>

To access this document use ADAMS Accession No. ML100600637

Beaver Valley Power Station, Unit Nos. 1 and 2 - Part 73 Exemption Request

The document is 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>

To access this document use ADAMS Accession: ML100230004

Attached is an PDF version RIS 2010-03, Licensing Submittal Information For Small Modular Reactor Designs, dated February 25, 2010 (ML100260855), that has been posted to the NRR GCC Web, along with the URL for Web access to generic communications files on the NRC Homepage:

<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2010/>

Attached is an PDF version Information Notice 2010-01, Pipe Support Anchors Installed Improperly, dated March 1, 2010 (ML090830184), that has been posted to the NRR GCC Web, along with the URL for Web access to generic communications files on the NRC Homepage:

<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/info-notices/2010/>

Davis-Besse EOC Annual Assessment Letter and Inspection Plan –

The document is 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>

To access this document use ADAMS Accession: ML100610239.

Fermi EOC Annual Assessment Letter and Inspection Plan -

The document is 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>

To access this document use ADAMS Accession: ML100610249.

SUBJECT: Annual assessment letter - PERRY NUCLEAR PLANT
(05000440/2010001) -

The document is 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>

To access this document use ADAMS Accession: ML100610281

Beaver Valley - ANNUAL PERFORMANCE REVIEW AND INSPECTION PLAN -
BEAVER VALLEY POWER STATION UNITS 1 AND 2 (05000334/2010001 and
05000412/2010001)

The document is 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>

To access this document use ADAMS Accession: ML100621324

Davis-Besse Nuclear Power Station, Unit No. 1 - Withdrawal of an amendment request
Re: Exclude the source range neutron flux instrument channel preamplifier from the
Technical Specification channel calibration requirements- ADAMS Accession no.
ML100550468

Davis-Besse Nuclear Power Station, Unit No. 1 - Project Manager Reassignment

ADAMS Accession: ML100630185

Fermi 2 - Environmental Assessment and Finding of No Significant Impact (TAC No. ME2656) The document is 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>
To access this document use ADAMS Accession: ML100341629

Perry: Confirmation of Initial License Examination
The document is 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>
To access this document use ADAMS Accession: ML100670530

Emergency Response Data System Modem Transition
The document is 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>
To access this document use ADAMS Accession: ML100261085

Davis-Besse Nuclear Power Station, Unit 1 - Upcoming Steam Generator Tube Inservice Inspection The document is 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>
To access this document use ADAMS Accession: ML100620799

Beaver Valley Power Station, Unit No. 2 - Individual Notice of Consideration of Issuance of Amendment to Facility Operating License and Opportunity for Hearing, and Order Imposing Procedures for Access to Sensitive Unclassified Non-Safeguards Information
The document is 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>
To access this document use ADAMS Accession: ML100130345

BEAVER VALLEY POWER STATION, UNIT NO.2 -RELIEF REQUEST FOR ALTERNATIVE WELD REPAIR METHOD FOR REACTOR VESSEL HEAD PENETRATIONS J-GROOVE WELDS (TAC NO. ME2608)
The document is 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>

To access this document use ADAMS Accession: ML100680781

Perry Nuclear Power Plant, Unit No. 1 - Environmental Assessment and Finding of No Significant Impact

The document is 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>

To access this document use ADAMS Accession: ML100610473

Davis-Besse Nuclear Power Station, Unit 1 - Environmental Assessment and Finding of No Significant Impact

The document is 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>

To access this document use ADAMS Accession: ML100610546

Beaver Valley Power Station, Unit No. 2 - Spent Fuel Pool Rerack Round 3 (ME1079)

The document is 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>

To access this document use ADAMS Accession: ML100760584

Public Meeting Notice, FirstEnergy Nuclear Operating Company, March 31, 2010

The document is 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>

To access this document use ADAMS Accession: ML100600637

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

The document is 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>

To access this document use ADAMS Accession: 100630726

BEAVER VALLEY POWER STATION: NRC EP ANNUAL INSPECTION REPORT NOS. 05000334; 05000412/2009501; NRC SECURITY ANNUAL INSPECTION REPORT NOS. 05000334; 05000412/2009401

The document is 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>

To access this document use ADAMS Accession: ML100820004

Fermi 2 - Scheduler Exemption from Certain Requirements of 10 CFR Part 73, Section 73.55 (TAC No. ME2656)

The document is 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>

To access this document use ADAMS Accession: ML100350225

Beaver Valley Unit 1: Requalification Program Inspection

The document is 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>

To access this document use ADAMS Accession: ML100820138

PERRY NUCLEAR POWER PLANT - REQUEST FOR ADDITIONAL INFORMATION REGARDING PROPOSED TECHNICAL SPECIFICATION CHANGE TO DIVISION 3 EMERGENCY DIESEL GENERATOR START TIME SURVEILLANCE REQUIREMENTS (TAC NO. ME1691)

The document is 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>

To access this document use ADAMS Accession: ML100740652

Fermi 2 - Closure Letter for Bulletin 2007-01 "Security Officer Attentiveness" (TAC No. MD7600)

The document is 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>

To access this document use ADAMS Accession: ML100730008

Federal Register Notice on: Applicability of 10 CFR Part 21 Requirements to Applicants for Standard Design Certifications (ML100740448), the Comment Period ending May 10, 2010, that has now been posted to the NRR GCC Web, along with the URL for Web access to generic communications files on the NRC Homepage:

<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/docs4comment.html>

Davis-Besse Nuclear Power Station, Unit 1 - Issuance of Amendment re: Application to Update the Leak-Before-Break Evaluation for the Reactor Coolant Pump Suction and Discharge Nozzle Dissimilar Metal Welds –

The document is 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>

To access this document use ADAMS Accession: ML100640506

Davis-Besse Nuclear Power Station, Unit 1 - Evaluation of the Request for an Extension of Enforcement Discretion in Accordance with the Interim Enforcement Policy for Fire Protection Issues during Transition to National Fire Protection Standard NFPA 805 - The document is 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>

To access this document use ADAMS Accession: ML100670111

Beaver Valley Power Station: March 10, 2010 NRC Generic Fundamentals Examination (GFE) Results (Cover letter publicly available, enclosures withheld from public) The document is 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>

To access this document use ADAMS Accession: ML100850357

Perry Nuclear Power Plant, Unit 1, Exemption from the Requirements of 10 CFR Part 73, Section 73.55 - The document is 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>

To access this document use ADAMS Accession: ML100780140

Davis-Besse Nuclear Power Station, Unit 1, Exemption from the Requirements of 10 CFR Part 73, Section 73.55 - The document is 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>

To access this document use ADAMS Accession: ML100740704

Beaver Valley Power Station, Unit Nos. 1 and 2 - Closure Letter of Bulletin 2007-01 "Security Officer Attentiveness" (TAC Nos. MD7598 and MD7569)

The document is 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>

To access this document use ADAMS Accession: ML100610598

Davis-Besse Nuclear Power Station, Unit No. 1 - Closure Letter of Bulletin 2007-01 "Security Officer Attentiveness" (TAC No. MD7592)

The document is 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>

To access this document use ADAMS Accession: ML100730005

Beaver Valley Power Station - NRC Investigation Report Nos. I-2009-010 and I-2009-038

ADAMS Accession No. ML100890475

Forthcoming Teleconference With FirstEnergy Nuclear Operating Company, Beaver Valley Power Station, Unit Nos. 1 And 2 (TAC Nos. MC4665 And MC4666)

The document is 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>

To access this document use ADAMS Accession: ML100840756

Beaver Valley - Open House and Annual Assessment Meeting, May 4, 2010

The document is 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>

To access this document use ADAMS Accession: ML100960041

NUCLEAR POWER: FirstEnergy finds cracks in Ohio reactor head (03/16/2010)

FirstEnergy Corp. has discovered cracks in 13 nozzles on the reactor head at its Davis-Besse nuclear plant in Oak Harbor, Ohio. The plant, already down for refueling since last month, was closed because of a corrosion hole from 2002 to 2004.

FirstEnergy company spokesman Todd Schneider said yesterday that the current problems are "not nearly as significant as our 2002 event" and that the company was working to repair the cracks.

Schneider said there was no public safety issue from the small amount of boric acid that had leaked from the current cracks because it caused no corrosion to the reactor. If there were corrosion on the vessel head, company employees would have found it by now, he said.

The company contacted the Nuclear Regulatory Commission and local officials as soon as it discovered the cracks, Schneider said.

FirstEnergy was criticized for failing to immediately report its massive corrosion hole in the top of the same plant's reactor eight years ago. Its 2002 damage, unprecedented in a U.S. nuclear reactor, led to a two-year shutdown and cost FirstEnergy more than \$600 million in repairs and energy costs. The company also paid a \$28 million fine -- the industry's largest -- and admitted that employees had misled government inspectors about the damage.

It is unknown how long it will take to fix the current cracks and when the reactor will be back online (Betty Lin-Fisher, *Akron Beacon Journal*, March 15). -- **DFM**

Davis-Besse inspected further

Number of nozzles found with flaws remains at 13

By TOM HENRY

BLADE STAFF WRITER

OAK HARBOR, Ohio - No additional damage was found yesterday at FirstEnergy Corp.'s Davis-Besse nuclear plant. As of late afternoon, the number of control-rod drive mechanism nozzles with suspicious flaws remained at 13, Todd Schneider, utility spokesman, said.

Four have cracks, at least two of which were believed to have been leaking.

The nozzles in question are metal sleeves, or passageways, for equipment linked to control rods that shut down or restart the plant's nuclear reactor. Sixty-nine are implanted on top of the reactor head. The rods are filled with boron; when inserted into the reactor core, the boron stops the fission process, which halts the reactor.

Preliminary inspections have been completed on 66 of the reactor head's 69 nozzles.

Results on the final three are expected today, Mr. Schneider said. Once that initial round of ultrasonic screening is completed, he said, each of the metal tubes that are cracked or flawed will undergo additional testing to see if they have axial, or vertical, cracks.

After that, the utility will use ultrasonic equipment to check them for cracks that are circular in shape. Known as circumferential cracks, they follow a 360-degree pattern and are considered dangerous because they make nuclear reactors more susceptible to releasing radioactive steam. Circumferential cracks compromise the integrity of the nozzles so much that the nozzles can pop off like champagne corks when a plant is operating, Mr. Schneider said.

FirstEnergy expects to know by Monday afternoon or evening how many of Davis-Besse's reactor-head nozzles are cracked or otherwise damaged. A repair plan is to be submitted to the U.S. Nuclear Regulatory Commission, which has beefed up its on-site inspection team.

The repairs are to be done by AREVA, a company based in France that was formerly known as Framatome.

The NRC had nothing new to say about the incident yesterday.

Once FirstEnergy knows how many nozzles are cracked and the type of damage that needs to be repaired, it will be in a better position to know approximately how much longer its restart will be delayed, Mr. Schneider said.

Davis-Besse has been down for normal refueling and maintenance since Feb. 28.

Those outages typically last four to six weeks. Nuclear reactors are refueled once every 18 months to two years, depending on the type of uranium in their fuel. During those outages, thousands of inspections and repairs are done - many cannot be performed while a plant is in service.

The plant's latest problem is similar, albeit on a smaller scale, to one eight years ago in which the plant's original reactor head nearly burst and allowed radioactive steam to form. In that case, inspectors found evidence of the problem being overlooked or concealed for at least six years, allowing acid to puddle up beneath insulation and stay constantly moist while the reactor was operating. When the reactor shuts down, it cools off and crystallizes acid on top of it into popcorn-shaped residue.

Davis-Besse was allowed to resume operation in 2004 after a record two-year outage. It

has performed safely since then, according to NRC inspectors.

The discovery of trace amounts of residue near two nozzles - characterized by NRC spokesman Vicktoria Mitlyng as about a teaspoon's worth - suggests the latest problem was caught early.

The damage occurred to a replacement head from the mothballed Midland 2 nuclear plant, part of a twin-reactor complex that Consumers Power, the predecessor of Consumers Energy, halted construction on in 1985 because of cost overruns and licensing issues.

The head, built in 1975, was made from an inferior type of alloy that is being phased out in the nuclear industry.

FirstEnergy and the NRC expected the metal, though not the preferred alloy, to last much longer before breaking down.

Contact Tom Henry at:

thenry@theblade.com

NUCLEAR WASTE: State regulators ask to keep Yucca Mountain project alive (03/17/2010)

The National Association of Regulatory Utility Commissioners, which represents state regulators, filed a brief yesterday with the Atomic Safety and Licensing Board urging the Obama administration to rethink its decision to kill the nuclear waste repository project at Nevada's Yucca Mountain.

In its brief, the group asked the administration to postpone its decision until the Energy Department can conduct a full review of alternatives, saying it doesn't make sense to send efforts to develop a storage site "back to square one" without a replacement after taking \$17 billion from utility ratepayers.

The agency withdrew the project's license application on March 3, the same day it released the charter for a "blue ribbon commission" that will examine the government's waste storage options (*E&ENews PM*, March 3).

Brian O'Connell, director of NARUC's nuclear waste program, said DOE's announcement "was very skimpy as to why" the decision was being made. Because the Bush administration filed 8,000 pages of documents two years ago saying the site was appropriate for nuclear waste storage, he said, "the fact the same agency now says it's not a workable option begs for more detail" (Rebecca Smith, *Wall Street Journal* [subscription required], March 17). -- **GN**

Davis-Besse tests find more cracks in nozzles

OAK HARBOR, Ohio — Ultrasonic tests completed Sunday night show 12 of the 69 nozzles on top of Davis-Besse's reactor head developed some sort of crack, eight more than previously known.

Those 12 are among 14 that FirstEnergy Corp. identified last week as having suspicious flaws or indications of a crack that needed further examination, Todd Schneider, utility spokesman, said.

A company report the Nuclear Regulatory Commission made public on March 15 stated that FirstEnergy could confirm only four cracks at that time. But the utility also said it

hadn't yet tested 17 of the 69 nozzles.

The same report identified two of the nozzles as having developed cracks wide enough to leak radioactive coolant water. Further tests showed only one of those nozzles to be leaking, Mr. Schneider said.

YUCCA MOUNTAIN: Bipartisan group of House members float plan to block closure (03/24/2010)

Katherine Ling, E&E reporter

A group of House Democrats and Republicans introduced a resolution yesterday to stop the Obama administration from ending the nuclear waste repository program at Yucca Mountain, Nev., and to save important project data.

The resolution of disapproval aims to stop the Energy Department from using appropriated funds to end the project and to preserve "all scientific and site specific file and data related to Yucca Mountain," said a statement from Rep. Doc Hastings' (R-Wash.) office.

Joining Hastings on the measure are Reps. Jay Inslee (D-Wash.), James Clyburn (D-S.C.), Norm Dicks (D-Wash), John Spratt Jr. (D-S.C.), Fred Upton (R-Mich.) and Gresham Barrett (R-S.C.), all of whom represent districts and states that currently store spent commercial or defense nuclear waste.

"This resolution sends a clear message that members of Congress on both sides of the aisle will continue actively working to keep the Yucca Mountain license moving forward," Hastings said.

Earlier this month DOE officially filed to withdraw its license application for the nuclear waste repository at Yucca Mountain, with prejudice -- meaning the site could never again be considered for a repository (*E&ENews PM*, March 3).

Instead a 15-member Blue Ribbon Commission will review and consider alternative means to manage U.S. nuclear waste including interim storage, reprocessing and different geologic formations for a final repository. That commission will hold its first meeting tomorrow and must produce a draft report in about 18 months.

But that timeline is not acceptable for states with nuclear waste sitting on-site, Inslee said.

"Taxpayers have already spent more than \$10 billion on Yucca Mountain, compiling 20 years of data that inform us that this is the best choice to securely store tons of nuclear waste," Inslee said. "Keeping waste scattered across the country, or in the case of Washington state at Hanford, is no longer an option. We have a solution to this problem and we must move forward."

Spratt, chairman of the House Budget Committee, said he would do "all I can to make sure some funding goes to defend the Yucca Mountain license application this year."

Upton noted that despite the administration's decision to withdraw from the Yucca project, taxpayers are still paying about \$750 million in fees per year on electricity generated by nuclear power for the project. The National Association of Regulatory Utility Commissioners and the Nuclear Energy Institute are currently exploring their legal options to address this issue, the groups announced recently.

The resolution of disapproval and comments by the bill sponsors echo many questions

directed at Energy Secretary Steven Chu and other members of the administration in multiple hearings on the DOE budget in the past few months both in the House and the Senate. Sen. Lisa Murkowski (R-Alaska), ranking member of the Energy and Natural Resources Committee, dedicated a floor speech on the matter last week.

Chu argues that the science does not support a repository at Yucca and the United States should reconsider its waste management policy based on advances in technology and science. Chu will appear before the House Energy and Water Development Appropriations Subcommittee this afternoon to defend DOE's \$28.4 billion proposed 2011 spending budget, which includes no appropriation for Yucca.

NUCLEAR POWER: American Centrifuge demo to receive \$45M from DOE (03/24/2010)

While USEC Inc.'s application for a \$2 billion federal loan guarantee remains on hold, the company has agreed to take \$45 million in U.S. Department of Energy funds for a \$90 million uranium enrichment demonstration program.

Bethesda, Md.-based USEC, which aims to build the only fuel-fabrication plant using American gas centrifuge technology, had lined up \$3.4 billion in fuel purchase commitments as of last fall. But the company's application for a federal loan guarantee, needed to complete construction, was delayed last year after DOE officials raised concerns about the effectiveness of the technology (*E&ENews PM*, Sept. 10, 2009). The demonstration at the American Centrifuge Plant in Piketon, Ohio, would test the lead cascade, the unit that enriches the uranium.

USEC continues to update its application for the loan guarantee, president and CEO John Welch said.

"We appreciate DOE's vote of confidence in the American Centrifuge technology," he said. "We have made significant progress and continue to work hard to address the recommendations of DOE's independent engineer" (*Chillicothe [Ohio] Gazette*, March 24). – **GN**

NUCLEAR POWER: Ky. Senate lifts ban on new plants (03/29/2010)

The Kentucky Senate passed a bill Friday with language ending a 26-year ban on nuclear power.

The language was attached to a bill allowing private companies to use eminent domain for carbon dioxide pipelines. That bill now goes to a conference committee to work out differences between the House and Senate legislation.

"There is a lot of concern in the House about lifting the ban on nuclear power," said House Majority Floor Leader Rocky Adkins, the lead sponsor for the pipeline bill.

"Adding this provision to House Bill 213 basically puts the bill in jeopardy."

The bill would overturn a 1984 law that required nuclear power plants to have access to a permanent disposal facility. That effectively barred any new plant construction in the state.

Adkins said the carbon dioxide pipelines are needed if the state wants to move forward with clean-coal technology (James Bruggers, [Louisville Courier-Journal](#), March 26). --
JP

Fuel Cycle Facility	Event Number: 45752
Facility: PORTSMOUTH GASEOUS DIFFUSION PLANT RX Type: URANIUM ENRICHMENT FACILITY Comments: 2 DEMOCRACY CENTER 6903 ROCKLEDGE DRIVE BETHESDA, MD 20817 (301)564-3200 Region: 2 City: PIKETON State: OH County: PIKE License #: GDP-2 Agreement: Y Docket: 0707002 NRC Notified By: BRYAN MILLER HQ OPS Officer: CHARLES TEAL	Notification Date: 03/08/2010 Notification Time: 20:03 [ET] Event Date: 03/08/2010 Event Time: [EST] Last Update Date: 03/08/2010
Emergency Class: NON EMERGENCY 10 CFR Section: OTHER UNSPEC REQMNT	Person (Organization): BINOY DESAI (R2DO) JAMES RUBENSTONE (NMSS) MARK DELLIGATTI (FSME)

Event Text

POTENTIAL RELEASE OF CONTAMINATED MATERIALS OFF-SITE

"At 1705 hours on 03/08/2010, the USEC-GS Plant Shift Superintendents' (PSS) Office at Portsmouth was notified of an inadvertent release of radioactively contaminated materials to an off-site location in Pike County, OH. The contamination was the result of a contractor neutralizing a fluorine service pipe connecting the X-326 building with the X-760 building. The X-760 building has been "de-leased" by USEC back to the Department of Energy (DOE) and is being prepared for decommission and demolition. The contaminated items consisted of five (5) 5-gallon buckets containing some rusty solution. The highest contamination levels were on one (1) bucket with 14K Beta removable and 50K Beta fixed. All other tools and personal protective equipment were monitored and found to be uncontaminated. There is a filtering unit located in Atlanta, GA that remains to be surveyed. A team of USEC health physics personnel is preparing to travel to the contractor's facility in Atlanta to complete the surveys.

"This event has been classified as reportable in accordance with procedure UE2-RA-

RE1030, Portsmouth GDP SAR 6.9, and 10CFR76. No 10CFR20 exposure limits were reached or exceeded."

The licensee notified the NRC Resident Inspector.

Power Reactor	Event Number: 45025
Facility: PERRY Region: 3 State: OH Unit: [1] [] [] RX Type: [1] GE-6 NRC Notified By: THOMAS MORSE HQ OPS Officer: VINCE KLCO	Notification Date: 04/28/2009 Notification Time: 00:55 [ET] Event Date: 04/27/2009 Event Time: 17:30 [EDT] Last Update Date: 03/10/2010
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(v)(B) - POT RHR INOP	Person (Organization): DAVID HILLS (R3DO)

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

Event Text

RESIDUAL HEAT REMOVAL (RHR) PUMP TRIPPED WHILE IN OPERATION FOR SHUTDOWN COOLING

"On April 27, 2009, at approximately 1730 hours, with the plant in Mode 5 during refueling outage (RFO) 12, RHR 'A' pump tripped while operating in shutdown cooling. RHR 'A' was the primary decay heat removal shutdown cooling system. RHR 'B' was the backup decay heat removal shutdown cooling system. Preliminary investigation shows that jumper installation activities associated with plant testing resulted in a blown fuse and closure of the RHR shutdown cooling outboard common suction isolation valve (1E12F008). Closure of the 1E12F008 valve tripped the RHR 'A' pump and prevented the RHR 'B' pump from being used to initiate shutdown cooling from the control room. Operators were preparing to manually open 1E12F008 in parallel with activities to restore control from the control room.

"The plant entered Technical Specification 3.9.9, 'RHR - Low Water Level', Conditions A and C due to 1E12F008 isolating causing the loss of shutdown cooling. Action A.1 calls for verification of an alternate method of decay heat removal available for each inoperable RHR shutdown cooling subsystem in 1 hour and once per 24 hours thereafter. This was completed with the fuel pool cooling and cleanup system's two pumps and two heat exchangers cooled by NCC [Nuclear Closed Cooling System] (available due to the ability to reflood the upper pools with a hotwell pump through normal cavity reflood path) being one alternate system. A second alternate system

was the utilization of the low pressure core spray to flood the vessel, returning to the suppression pool through safety relief valves, and a loop of RHR in suppression pool cooling. Actions for Condition C, to verify reactor coolant circulation by an alternate method and to monitor reactor coolant temperature were not met due to no reactor coolant flow past a valid temperature monitoring point. Approximate reactor coolant temperature was being trended using the reactor water cleanup system.

"The blown fuse was identified and replaced at approximately 1816 hours. The RHR 'B' pump was started at approximately 1834 hours. From the time that the RHR 'A' pump tripped (approximately 1730), until the RHR 'B' pump was started, the reactor temperature increased from 94 degrees F to 97 degrees F. Pre-determined time to boil had been calculated to be 9 hours. At approximately 1835 hours, TS 3.9.9 Condition C was exited due to the RHR 'B' shutdown cooling loop being placed in operation.

"This event is being reported as an event or condition that at the time of discovery could have prevented fulfillment of a safety function of structures or systems that are needed to remove residual heat under 10 CFR 50.72 (b)(3)(v)(B).

"The NRC Resident Inspector has been notified."

* * * RETRACTION FROM C. ELBERFELD TO P. SNYDER AT 1727 ON 6/25/09 * * *

"The purpose of this call is to retract Event Number 45025. On April 28, 2009, at 0055 hours, notification was made to the NRC Operations Center by the Perry Nuclear Power Plant (PNPP) reporting a condition that at the time of discovery could have prevented the fulfillment of the safety function of a system that is needed to remove residual heat [10 CFR 50.72(b)(3)(v)(B)]. Jumper installation activities associated with plant testing resulted in a blown fuse and closure of the Residual Heat Removal (RHR) shutdown cooling outboard common suction isolation valve. Closure of the valve resulted in the RHR A pump tripping, as designed. The blown fuse was replaced and the valve reopened. The RHR B subsystem was then started as the primary decay heat removal shutdown cooling system. Additionally, it was initially questioned whether Technical Specification Limiting Condition for Operation 3.9.9 Required Actions were met to verify reactor coolant circulation by an alternate method and to monitor reactor coolant temperature.

"Based on further evaluation, it was determined that there was not a reasonable expectation of the loss of safety function of a system needed to remove residual heat (i.e., the RHR System). The redundant RHR B subsystem was manually aligned and operated in a timely manner to continue to meet the system requirements to fulfill the safety function. Since the condition reported in Event Number 45025 would not have prevented the fulfillment of the safety function of a system that is needed to remove residual heat, the condition is not reportable, and this notification is retracted.

Additionally, it was determined that verification of reactor coolant circulation by an

alternate method (i.e., Reactor Water Cleanup System) was performed and that monitoring of reactor coolant temperature was appropriate. Therefore, based on not meeting any 10 CFR 50.73 reporting criteria, no Licensee Event Report is required. The evaluations (i.e., Reportability Reviews) for this condition are documented in Condition Report 09-58110 and Condition Report 09-58123."

The licensee notified the NRC Resident Inspector.

* * * UPDATE FROM JOHN PELCIC TO CHUCK TEAL AT 1515 EST ON 3/10/10 * * *

"The Residual Heat Removal (RHR) system common suction isolation valve 1E12-F008 received an invalid isolation signal resulting in the operating RHR A pump tripping while the system was in the shutdown cooling mode of operation. The event was reported to the NRC Operations Center on April 28, 2009 in accordance with 10 CFR 50.72(b)(3)(v)(B). The event notification was subsequently retracted on June 25, 2009. This event was reevaluated for reportability via Condition Report 10-71293 using additional guidance and enforcement history related to safety system functional failure reporting. Based on results of this evaluation, the April 27, 2009, loss of shutdown cooling event is reportable as a Licensee Event Report (LER) under 10 CFR 50.73(a)(2)(v)(B), 'Any event or condition that could have prevented the fulfillment of the safety function of structures, or systems that are needed to remove residual heat.'

"Perry LER 2010-001 will be submitted to report this event. The NRC Resident Inspectors have been notified."

Power Reactor	Event Number: 45764
Facility: DAVIS BESSE Region: 3 State: OH Unit: [1] [] [] RX Type: [1] B&W-R-LP NRC Notified By: LARRY MYERS HQ OPS Officer: VINCE KLCO	Notification Date: 03/13/2010 Notification Time: 04:45 [ET] Event Date: 03/12/2010 Event Time: 21:43 [EST] Last Update Date: 03/15/2010
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(ii)(A) - DEGRADED CONDITION 50.72(b)(2)(xi) - OFFSITE NOTIFICATION	Person (Organization): MONTE PHILLIPS (R3DO)

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

Event Text

CONTROL ROD DRIVE MECHANISM NOZZLE INDICATIONS

"On March 12, 2010, during the Davis-Besse Nuclear Power Station Unit No. 1 (DBNPS) refueling outage, the documented results of planned ultrasonic (UT) examinations performed on the Control Rod Drive Mechanism (CRDM) nozzles penetrating the reactor vessel closure head (RVCH) identified that two of the nozzles inspected to date did not meet the applicable acceptance criteria. Each of these two nozzles have similar indications that appear to penetrate into the nozzle walls from a lack of fusion point at the outer diameter of the nozzle and the J-Groove weld. Leak path detection was performed on both nozzles with the results showing no leak path. Bare metal visual examinations are scheduled to be performed on all nozzles to determine if there is any pressure boundary leakage. Both indications will require repair prior to returning the vessel head to service. There are sixty-nine nozzles and all will be subject to these UT inspections.

"It is important to note that this notification is being provided prior to the completion of all of the required UT and VT [Visual Tests] examinations for these two nozzles and the remaining nozzles. The indications were detected with a blade probe used to detect axially-oriented indications. The remaining probe that is used to complete the UT examination in each of these two penetrations is a blade probe that is used to identify circumferentially-oriented indications.

"The examinations are being performed to meet the requirements of 10CFR50.55a(g)(6)(ii)(D) and ASME Code Case N-729-1, to identify potential flaws/indications well before they grow to a size that could potentially affect the structural integrity of the reactor vessel head pressure boundary."

The licensee notified the NRC Resident Inspector and will notify the State of Ohio and both Lucas and Ottawa Counties.

* * * UPDATE ON 3/13/2010 AT 1903 FROM LARRY MEYERS TO MARK ABRAMOVITZ * * *

"On March 13, 2010, additional Control Rod Drive Mechanism nozzles (4 and 59) were identified that did not meet the applicable acceptance criteria. The indications on these nozzles are similar in nature and location to the indications previously reported for nozzles 28 and 33. These indications will also require repair prior to returning the vessel head to service.

"Like the two previously reported nozzles, this notification is being provided prior to the completion of all of the required examinations for the nozzle and the remaining nozzles. The indications were detected with a blade probe used to detect axially-oriented indications. The remaining probe that will be used to complete the examination in this penetration is a probe sensitive to circumferentially-oriented indications.

"Additionally, during the bare metal visual examination of the outer surface of the reactor vessel closure head, boric acid deposits were found at CRDM nozzles 4 and 33 that are indicative of primary water leakage. The visual examination of the RVCH is continuing."

The licensee notified the NRC Resident Inspector, State of Ohio, and local government.

Notified the R3DO (Phillips).

* * * UPDATE ON 3/15/2010 AT 0800 EDT FROM THOMAS PHILLIPS TO JEFF ROTTON* * *

Update to Davis-Besse event #45764 initially reported 3/13/2010 at 0445 and adding an additional 10 CFR 50.72 reporting criteria.

"On March 15, 2010, the FirstEnergy Nuclear Operating Company is issuing a press release regarding the Davis-Besse Nuclear Power Station Unit No. 1 reactor vessel head (RVCH) Control Rod Drive Mechanism nozzles that have indications that do not meet the applicable acceptance regulatory criteria. The results of the ongoing planned ultrasonic (UT) examinations performed on these nozzles penetrating the RVCH have identified indications that will require repair prior to returning the vessel head to service. Currently, there are twelve nozzles which will be repaired, two of which have evidence of primary water leakage found during the bare metal visual examination of the outer surface of the reactor vessel closure head. There are sixty-nine nozzles and all are subject to these UT inspections.

"It is important to note that this media release is being provided prior to the completion of all of the required examinations for these and the remaining nozzles."

The licensee notified the NRC Resident Inspector and will be notifying the State of Ohio and both Lucas and Ottawa Counties.

Notified R3DO (Monte Phillips)

Power Reactor	Event Number: 45768
Facility: PERRY Region: 3 State: OH Unit: [1] [] [] RX Type: [1] GE-6 NRC Notified By: JIM CASE HQ OPS Officer: HOWIE CROUCH	Notification Date: 03/15/2010 Notification Time: 14:45 [ET] Event Date: 03/15/2010 Event Time: 08:10 [EDT] Last Update Date: 03/15/2010

Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(3)(xiii) - LOSS COMM/ASMT/RESPONSE	Person (Organization): MICHAEL KUNOWSKI (R3DO)
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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 OUT OF SERVICE DUE TO COMPUTER FAILURE

"On March 15, 2010, at approximately 0810 hours EDT, the plant computer system (ICS) was taken out of service for a planned outage to set the computer time to Eastern Daylight Time. During the time change adjustment, the ICS experienced a hard memory fault which required additional efforts to recover the ICS. At approximately 1205 hours EDT, the ICS was restored to normal operation. During the time ICS was out of service, the Safety Parameter Display System (SPDS), the Emergency Response Data System (ERDS), and the automatic mode calculation of the Computer Aided Dose Assessment Program (CADAP) were unavailable.

"This event is being reported in accordance with 10 CFR 50.72(b)(3)(xiii), as a condition that results in a major loss of offsite communications capability. The NRC Resident Inspector has been notified."

Power Reactor	Event Number: 45789
Facility: FERMI Region: 3 State: MI Unit: [2] [] [] RX Type: [2] GE-4 NRC Notified By: GREG MILLER HQ OPS Officer: PETE SNYDER	Notification Date: 03/25/2010 Notification Time: 18:18 [ET] Event Date: 03/25/2010 Event Time: 16:27 [EDT] Last Update Date: 03/25/2010
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(iv)(B) - RPS ACTUATION - CRITICAL	Person (Organization): LAURA KOZAK (R3DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
2	A/R	Y	63	Power Operation	0	Hot Shutdown

Event Text

AUTOMATIC REACTOR SHUTDOWN DUE TO MAIN TURBINE TRIP

"At 1627 EDT on 3/25/10, the reactor mode switch was taken to shutdown following an automatic scram due to a main turbine trip. The scram was uncomplicated, and all control rods fully inserted into the core. The lowest reactor vessel water level reached was 136 inches, and as expected, HPCI & RCIC did not actuate. No safety relief valves (SRV) actuated. Reactor water level is being controlled in the normal band using the control rod drive and reactor feedwater systems. All isolations and actuations for reactor water level 3 occurred as expected.

"The cause of the Main Turbine Trip is under investigation.

"At the time of the scram all Emergency Core Cooling Systems and [Emergency Diesel Generators] EDGs were operable, and no safety related equipment was out of service."

The licensee notified the NRC Resident Inspector.

Power Reactor	Event Number: 45798
Facility: PERRY Region: 3 State: OH Unit: [1] [] [] RX Type: [1] GE-6 NRC Notified By: DAVID DUESING HQ OPS Officer: PETE SNYDER	Notification Date: 03/28/2010 Notification Time: 22:13 [ET] Event Date: 03/28/2010 Event Time: [EDT] Last Update Date: 03/29/2010
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(xi) - OFFSITE NOTIFICATION	Person (Organization): LAURA KOZAK (R3DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
1	N	Y	100	Power Operation	68	Power Operation

Event Text

PRESS RELEASE DUE TO LUBE OIL FIRE AFFECTING REACTOR FEED PUMP

"At 1818 , the control room was notified of a lube oil fire on Reactor Feed Pump Turbine B. The fire brigade was toned out, and the Perry Township Fire Department was notified for assistance. Reactor Feed Pump Turbine B was manually tripped to allow removing the turbine lube oil system from service. The Motor Feed Pump started as expected, and the Reactor Recirculation system lowered reactor power as designed. Currently the reactor is at 68% reactor power following rod line adjustments after the transient was complete.

"The fire was reported to be out by the fire brigade leader at 2122. Damage assessment is currently in progress. Two fire brigade members were transported by ambulance to Tri-Point Medical Center with signs of heat exhaustion. Both individuals were verified to be free of contamination prior to transport.

"A news release will be made due to local media interest for this event. The NRC Resident Inspector has been notified."

* * * UPDATE FROM CHARLES ELBERFELD TO DONALD NORWOOD AT 1636 EDT ON 3/29/2010 * * *

"The purpose of this call is to update Event Number 45798. In the notification made on 3/28/10, it was stated that a news release would be made due to local media interest for this event. After further review, it was determined that discussions with the media adequately addressed the interest and that a new release will not be made. The NRC Resident Inspector has been notified."

Notified R3DO (Duncan).
