

To: Jim Mehl, ERU Supervisor  
From: Zack Clayton, Rad Coord  
Subject: July Monthly Report  
Date: August 7, 2008

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#### Beans:

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

Web Page Hits: There were 82 RAD hits in June.

#### Coming Attractions:

Working Group 7/2  
URSB 7/7  
NEPAC 7/10  
SAIC 7/14  
Training in Emmitsburg 8/11-15

#### Facility Updates:

##### **Davis Besse Nuclear Power Station**

Davis Besse operated at full power for most of June. It conducted a down power over the weekend June 7-8 to conduct control rod drive testing and minor repairs to prepare for the upcoming hot weather.

##### **Perry Nuclear Power Plant**

Perry plant operated at full power for most of June. Perry conducted a down power over the weekend to conduct control rod drive testing and minor repairs to prepare for the upcoming hot weather. ERDS (Emergency Response Data System) was taken out of service for scheduled maintenance at 0200 hrs on June 10, this was complete on June 11 at 16:45 and the plant was not shut down for this. On June 28 – 29 Perry went from 100% power to 60% power to conduct some regularly scheduled maintenance.

## **Beaver Valley Unit I**

Beaver Valley Unit I operated at full power for June.

## **Beaver Valley Unit II**

Beaver Valley Unit II Started June in an evaluation of the power uprate at 95% power, the old full power rating. The plant went to the new 100 % uprated power on June 3<sup>rd</sup>.

## **Fermi II**

Fermi operated at full power for June. On the 10<sup>th</sup>, a storm took out power to the EOF and the emergency diesel generator failed to start. The cause is under investigation. Fermi declared an Unusual Event on June 13 when they lost greater than 75% of their annunciators. The cause was identified and a backup is supplying power until the main unit is replaced.

## **Portsmouth Gaseous Diffusion Plant**

There were no reported incidents in June.

## **Activity:**

6/3 Beaver Valley Dry Run. Slow developing scenario meant that a controller inject was needed to simulate field data for dose assessment in Ohio. The Drill terminated before the plume would have reached Ohio.

6/11 Working Group. Agency updates and activities. Discussion of the dry run for Beaver Valley and action items for correction.

6/12 Agricultural Security meeting for the State WMD/Terrorism work group. Mostly clarification of roles for Agriculture and ODH in protection of public health with a statement about Ohio EPA's role in drinking water issues.

6/24 Beaver Valley Partial Participation Exercise. A different scenario generated good play for the offsite agencies and data for the dose assessment. There were no outstanding issues noted for the State.

## **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:**

## June operating power levels

Date	BV1	BV2	DB	Fermi2	Perry	
1	100	95	100	89	100	BV-HOLDING FOR POWER UPRATE TESTING <b>Fermi</b> -HOLDING FOR TURBINE VALVE /PRESSURE GAUGE REPLACEMENT AND ROD PATTERN ADJUSTMENT. UNIT AT FULL POWER BY 1800 TODAY.
2	100	95	100	100	100	
7	100	100	65	100	98	DB -MAIN FEEDWATER PUMP REPAIR / Scheduled maintenance
9	100	100	100	100	100	
16	100	100	100	100	100	
23	100	100	100	100	100	
28	100	100	100	100	64	Perry – Scheduled Maintenance
30	100	100	100	100	95	

## Hitachi, GE to develop smaller nuclear reactors

TOKYO, July 23 (AFP) Jul 23, 2008

Japan's Hitachi and US giant General Electric will team up to sell midsize nuclear reactors to meet growing demand for power facilities in Southeast Asia, a Hitachi spokesman said Wednesday.

The move comes as soaring crude oil prices and worries about [global warming](#) spur interest in nuclear power.

The move is aimed at tapping into the markets in countries such as Vietnam, Indonesia, and Thailand, where demand for reactors with output of one million kilowatts or less is expected to grow, spokesman Masayuki Takeuchi said.

"We've been developing the core part of midsize nuclear reactors and we will now work closely with our potential customers over details of reactor designs," he said.

Hitachi and GE will jointly develop compact and advanced boiling-water reactors to try to meet that need, he said.

Hitachi and GE already have a tie-up that has been focusing on larger nuclear reactors.

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