

Docket No. 50-346  
License No. NPF-3  
Serial 3029

February 13, 2004

Document Control Desk  
U. S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

Ladies and Gentlemen:

Monthly Operating Report, January 2004  
Davis-Besse Nuclear Power Station Unit 1

Enclosed is a copy of the Monthly Operating Report for the Davis-Besse Nuclear Power Station for the month of January 2004.

Please direct questions to Brian D. Boles, Manager – Plant Engineering at (419) 321-7302.

Very truly yours,



Barry S. Allen  
Plant Manager  
Davis-Besse Nuclear Power Station

AWB/s

Enclosures

cc: DB-1 NRC/NRR Senior Project Manager  
DB-1 Senior Resident Inspector  
NRC Region III Administrator

JE24

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COMMITMENT LIST

The following list identifies those actions committed to by Davis-Besse Nuclear Power Station in this document. Any other actions discussed in the submittal represent intended or planned actions by Davis-Besse. They are described only as information and are not regulatory commitments. Please notify the Manager - Regulatory Affairs (419-321-8450) at Davis-Besse of any questions regarding this document or any associated regulatory commitments.

Commitments

Due Date

None

**OPERATING DATA REPORT**

<b>DOCKET NO.</b>	<u>50-346</u>
<b>UNIT NAME</b>	<u>Davis-Besse Unit 1</u>
<b>DATE</b>	<u>2/04/04</u>
<b>COMPLETED BY</b>	<u>M.D. Zawacki</u>
<b>TELEPHONE</b>	<u>419-321-7692</u>
 <b>REPORTING PERIOD</b>	 <u>January, 2004</u>

	<u>MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
1 Design Electrical Rating (Mwe-Net). The nominal net electrical output of the unit specified by the utility and used for the purpose of plant design.		906	
2 Maximum Dependable Capacity (Mwe-Net) The gross electrical output as measured at the output terminals of the turbine-generator during the most restrictive seasonal conditions minus the normal station service loads.		882	
3 Number of Hours the Reactor Was Critical. The total number of hours during the gross hours of the reporting period that the reactor was critical.	0.0	0.0	147,634.3
4 Number of Hours the Generator Was On Line. (Also called Service Hours). The total number of hours during the gross hours of the reporting period that the unit operated with breakers closed to the station bus. The sum of the hours the generator was on line plus the total outage hours should equal the gross hours in the reporting period.	0.0	0.0	145,037.1
5 Unit Reserve Shutdown Hours The total number of hours during the gross hours of the reporting period that the unit was removed from service for economic or similar reasons but was available for operation	0.0	0.0	5,532.0
6 Net Electrical Energy (MWH). The gross electrical output of the unit measured at the output terminals of the turbine-generator minus the normal station service loads during the gross hour of the reporting period, expressed in megawatt hours. Negative quantities should not be used.	0	0.0	119,131,798

## UNIT SHUTDOWNS

DOCKET NO. 50-346  
 UNIT NAME Davis-Besse #1  
 DATE 2/04/04  
 COMPLETED BY M.D. Zawacki  
 TELEPHONE (419) 321-7692

REPORTING PERIOD: January, 2004

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS
						COMMENTS
1	2/16/02	S: SCHEDULED	744.0	C, H	1,4	13 RFO work on the reactor vessel pressure retaining head revealed degradation and corrosion. As a result, the reactor vessel pressure retaining head was replaced. The plant remained shutdown due to various modifications which included (but not limited to): the Decay Heat Valve Tank, the Emergency Sump, Containment Air Coolers and HPI Pumps. Additional activities are being completed, such as: Operations improvements, restart readiness reviews, and certain calculations.

**SUMMARY:**

The reactor was shutdown on February 16, 2002 to begin the 13th refueling outage. Corrosion and degradation was found on the head and it has since been replaced. The reactor remained shutdown through the month of January (due to continuing work), however, the plant entered Mode 3 on September 15, 2003, to conduct a Reactor Coolant System inspection. On October 4, 2003 the plant re-entered Mode 5. On December 30, 2003, the plant entered Mode 3. On January 9, 2004, the plant returned to Mode 4 based on the concerns identified on the Auxiliary Feedwater Pumps. Following repairs on the Auxiliary Feedwater Pumps the plant re-entered Mode 3 on January 26, 2004 and is currently finishing preparation to restart the unit.

- (1) Reason:
- A-Equipment Failure (Explain)
  - B-Maintenance or Test
  - C-Refueling
  - D-Regulatory Restriction
  - E-Operator Training & License Exam
  - F-Administrative
  - G-Operational Error (Explain)
  - H-Other (Explain)

- (2) Method:
- 1-Manual
  - 2-Manual Trip/Scram
  - 3-Automatic Trip/Scram
  - 4-Continuation
  - 5-Other (Explain)