FirstEnergy

Davis-Besse Nuclear Power Station
5501 North State Route 2
Oak Harbor, Ohio 43449-9760

March 8, 2002

CCN: P-6-02-02

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

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, February 2002
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 February 2002.

If you have any questions, please contact Aaron Quaderer at (419) 321-7384.

Very truly yours,

J. Randel Fast
Plant Manager
Davis-Besse Nuclear Power Station

ASQ/ljk

Enclosure

cc: S. P. Sands
NRC Project Manager

J. E. Dyer
NRC Region III Administrator

C. S. Thomas
NRC Senior Resident Inspector

IE24

## UNIT SHUTDOWNS

**DOCKET NO.** 50-346
**UNIT NAME** Davis-Besse #1
**DATE** 03/02/02
**COMPLETED BY** A. S. Quaderer
**TELEPHONE** (419) 321-7384

**REPORTING PERIOD:** February, 2002

| NO. | DATE | TYPE<br>F: FORCED<br>S: SCHEDULED | DURATION (HOURS) | REASON (1) | METHOD OF SHUTTING DOWN (2) | CAUSE/CORRECTIVE ACTIONS<br>COMMENTS |
|---|---|---|---|---|---|---|
| 2 | 2/16/02 | S: SCHEDULED | 309.1 | C | 1 | Began 13th refueling outage. |

SUMMARY:

The reactor remained at approximately 100% power from February 1, 2002 to February 9, 2002. Plant power was reduced on February 9, 2002 at 1705 hours from approximately 100 percent power to approximately 95 percent power to maintain a control rod index less than 297 after a RCS boron increase occurred when placing deborating demin #1 in service. Plant power was returned to approximately 100 percent power on February 11, 2002 at 1200 hours. Plant power was reduced on February 12, 2002 at 2200 hours from approximately 100 percent power to approximately 95 percent power to conduct Main Steam Safety Valve testing. On February 15, 2002 at 1300 hours the power reduction to 15 percent power for the 13th refueling outage began from 95 percent power. The main turbine was manually tripped at 0254 hours on January 16, 2002. The reactor was shutdown on February 16, 2002 at 0335 hours by performing a Control Rod Drop Test. Plant remained shutdown for the remainder of the month.

(1) Reason:
- A-Equipment Failure (Explain)
- B-Maintenance or Test
- C-Refueling
- D-Regulatory Restriction
- E-Operator Training & License Exami
- 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)

# OPERATING DATA REPORT

| | |
|---|---|
| **DOCKET NO.** | 50-0346 |
| **UNIT NAME** | Davis-Besse Unit 1 |
| **DATE** | 03/02/02 |
| **COMPLETED BY** | A. S. Quaderer |
| **TELEPHONE** | 419-321-7384 |
| **REPORTING PERIOD** | February, 2002 |

| | MONTH | YEAR TO DATE | CUMULATIVE |
|---|---|---|---|
| 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. | 363.6 | 1,107.6 | 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. | 362.9 | 1,082.2 | 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 hours of the reporting period, expressed in mega-watt hours. Negative quantities should not be used. | 305,977 | 923,533 | 119,112,148 |

## COMMITMENT LIST

The following list identifies those actions committed to by the 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 associated regulatory commitments.

| COMMITMENTS | DUE DATE |
|---|---|
| None | N/A |