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Waterford 3

W3F1-2000-0157
A4.05
PR

November 9, 2000

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Monthly Operating Report

Gentlemen:

Attached is the subject report, which covers the operating statistics for the month of October 2000. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

There are no commitments associated with this submittal. Should you have any questions regarding the above, please contact T.M. Manzella at (504) 739-6882.

Very truly yours,

A handwritten signature in black ink, appearing to read "m. L. k. B. h." with a stylized flourish.

fr
E.P. Perkins, Jr.
Director,
Nuclear Safety Assurance

EPP/TMM/rtk
Attachment

cc: E.W. Merschoff (NRC Region IV), N. Kalyanam (NRC-NRR),
J. Smith, N.S. Reynolds, B. Lewis (Utility Data Institute, Inc.),
lerevents@inpo.org - INPO Records Center, NRC Resident
Inspectors Office

A handwritten number "1E24" in black ink, slanted upwards to the right.

**NRC MONTHLY OPERATING REPORT
SUMMARY OF OPERATIONS
WATERFORD 3
for October, 2000**

The unit operated at an average reactor power level of 41.6% for the month, having shut down on October 13th to commence Refuel Outage #10 (RFO 10).

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for October, 2000**

There were no pressurizer safety valve failures or challenges experienced during the month.

OPERATING DATA REPORT

DOCKET NUMBER : 50-382
UNIT NAME : WATERFORD 3
DATE OF REPORT : November 8, 2000
COMPLETED BY : Richard Pollock
TELEPHONE : (504) 739-6561

OPERATING STATUS

1. Reporting Period : October, 2000
Gross Hours in Reporting Period : 745
2. Currently Authorized Power Level (MWt) : 3,390
Maximum Dependable Capacity (Net MWe) : 1,075
Design Electrical Rating (Net MWe) : 1,104
3. Power Level to which Restricted (if any) (Net MWe) : N/A
4. Reason for Restriction (if any) : N/A

| | <u>THIS MONTH</u> | <u>YEAR TO DATE</u> | <u>CUMULATIVE</u> |
|---|-----------------------|-------------------------|--------------------|
| 5. Number of Hours Reactor was Critical | <u>311.9</u> | <u>6,698.9</u> | <u>112,257.7</u> |
| 6. Reactor Reserve Shutdown Hours | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| 7. Hours Generator was On-line | <u>311.9</u> | <u>6,676.6</u> | <u>111,037.9</u> |
| 8. Unit Reserve Shutdown Hours | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| 9. Gross Thermal Energy Generated (MWH) | <u>1,051,538</u> | <u>22,580,940</u> | <u>369,107,921</u> |
| 10. Gross Electrical Energy Generated (MWH) | <u>360,275</u> | <u>7,637,045</u> | <u>123,642,397</u> |
| 11. Net Electrical Energy Generated (MWH) | <u>345,957</u> | <u>7,320,353</u> | <u>118,036,216</u> |
| 12. Reactor Service Factor | <u>41.9</u> | <u>91.5</u> | <u>84.8</u> |
| 13. Reactor Availability Factor | <u>41.9</u> | <u>91.5</u> | <u>84.8</u> |
| 14. Unit Service Factor | <u>41.9</u> | <u>91.2</u> | <u>83.9</u> |
| 15. Unit Availability Factor | <u>41.9</u> | <u>91.2</u> | <u>83.9</u> |
| 16. Unit Capacity Factor (using MDC) | <u>43.2</u> | <u>93.0</u> | <u>82.9</u> |
| 17. Unit Capacity Factor (using DER) | <u>42.1</u> | <u>90.6</u> | <u>80.7</u> |
| 18. Unit Forced Outage Rate | <u>0.0</u> | <u>0.7</u> | <u>4.2</u> |

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OPERATING STATUS (Cont.)

19. Shutdowns Scheduled over next 6 months (type, date and duration of each) :
Refueling outage # 10 - began on October 13, 2000 - 35 day outage.

20. If Shutdown at end of report period, estimated date of startup : 11/17/00

21. Unit is in Commercial Operation.

| | <u>THIS MONTH</u> | <u>YEAR TO DATE</u> | <u>CUMULATIVE</u> |
|--|-----------------------|-------------------------|-------------------|
| 22. Hours in Reporting Period | <u>745</u> | <u>7,320</u> | <u>132,409</u> |
| 23. Unit Forced Outage Hours | <u>0.0</u> | <u>48.0</u> | <u>4,856.7</u> |
| 24. Nameplate Rating (Gross MWe) : | <u>1,200</u> | | |
| Max. Dependable Capacity (Gross MWe) : | <u>1,120</u> | | |

25. If changes occur in capacity ratings (Items 2 and 24) since the last report, give the reasons :

N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NUMBER : 50-382
UNIT NAME : WATERFORD 3
DATE OF REPORT : November 8, 2000
COMPLETED BY : Richard Pollock
TELEPHONE : (504) 739-6561

Reporting Period : October, 2000

(NET MWe)

| <u>DAY</u> | <u>Avg. Power Level</u> | <u>DAY</u> | <u>Avg. Power Level</u> |
|------------|-------------------------|------------|-------------------------|
| 1 | 1,109 | 16 | 0 |
| 2 | 1,109 | 17 | 0 |
| 3 | 1,109 | 18 | 0 |
| 4 | 1,109 | 19 | 0 |
| 5 | 1,108 | 20 | 0 |
| 6 | 1,109 | 21 | 0 |
| 7 | 1,109 | 22 | 0 |
| 8 | 1,112 | 23 | 0 |
| 9 | 1,113 | 24 | 0 |
| 10 | 1,112 | 25 | 0 |
| 11 | 1,113 | 26 | 0 |
| 12 | 1,113 | 27 | 0 |
| 13 | 1,088 | 28 | 0 |
| 14 | 0 | 29 | 0 |
| 15 | 0 | 30 | 0 |
| | | 31 | 0 |

INSTRUCTIONS :

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt. Reflects On-Line Net Generation.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NUMBER : 50-382
 UNIT NAME : WATERFORD 3
 DATE OF REPORT : November 8, 2000
 COMPLETED BY : Richard Pollock
 TELEPHONE : (504) 739-6561

REPORTING PERIOD : October, 2000

| <u>Number</u> | <u>Date</u> (yymmdd) | <u>*</u> Type | <u>Outage</u> Duration (Hours) | <u>**</u> Reason | <u>***</u> Shutdown Method | <u>Cause, Comments and Corrective Actions</u> |
|---------------|-------------------------|------------------|--------------------------------------|---------------------|----------------------------------|---|
| 00-04 | 001013 | S | 433.1 | C | 1 | Planned shutdown for Refueling outage 10. |

TYPE

F - Forced
 S - Scheduled

METHOD

1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
 4 - Continuation from Previous Period
 5 - Power Reduction
 6 - Other (explain)

REASON

A - Equipment Failure (explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training and
 License Examination
 F - Administrative
 G - Operational Error (explain)
 H - Other (explain)