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Waterford 3

W3F1-2002-0003
A4.05
PR

January 14, 2002

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 December, 2001. 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 cursive that reads "Robert D. Peterson / For".

Alan J. Harris
Director,
Nuclear Safety Assurance

AJH/TMM/cbh

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

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**NRC MONTHLY OPERATING REPORT
SUMMARY OF OPERATIONS
WATERFORD 3
for December, 2001**

The unit operated at an average reactor power level of 99.95% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for December, 2001**

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 : **January 8, 2002**
 COMPLETED BY : **Bruce Meyers**
 TELEPHONE : **(504) 739-6426**

OPERATING STATUS

1. Reporting Period : December, 2001
 Gross Hours in Reporting Period : 744
 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 | 744.0 | 8,727.0 | 122,083.4 |
| 6. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 7. Hours Generator was On-line | 744.0 | 8,718.7 | 120,824.7 |
| 8. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 9. Gross Thermal Energy Generated (MWH) | 2,520,997 | 29,444,278 | 402,100,245 |
| 10. Gross Electrical Energy Generated (MWH) | 856,615 | 9,947,588 | 134,795,817 |
| 11. Net Electrical Energy Generated (MWH) | 822,578 | 9,539,062 | 128,732,306 |
| 12. Reactor Service Factor | 100.0 | 99.6 | 85.6 |
| 13. Reactor Availability Factor | 100.0 | 99.6 | 85.6 |
| 14. Unit Service Factor | 100.0 | 99.5 | 84.7 |
| 15. Unit Availability Factor | 100.0 | 99.5 | 84.7 |
| 16. Unit Capacity Factor (using MDC) | 102.8 | 101.3 | 84.0 |
| 17. Unit Capacity Factor (using DER) | 100.1 | 98.6 | 81.8 |
| 18. Unit Forced Outage Rate | 0.0 | 0.5 | 3.9 |

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OPERATING STATUS (Cont.)

19. Shutdowns Scheduled over next 6 months (type, date and duration of each) :

REFUEL OUTAGE #11 - commencing on
March 22, 2002 - 35 day outage

20. If Shutdown at end of report period, estimated date of startup :

N/A

21. Unit is in Commercial Operation.

| | <u>THIS MONTH</u> | <u>YEAR TO DATE</u> | <u>CUMULATIVE</u> |
|--|-----------------------|-------------------------|-------------------|
| 22. Hours in Reporting Period | <u>744</u> | <u>8,760</u> | <u>142,633</u> |
| 23. Unit Forced Outage Hours | <u>0.0</u> | <u>41.3</u> | <u>4,897.9</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 : January 8, 2002
COMPLETED BY : Bruce Meyers
TELEPHONE : (504) 739-6426

Reporting Period : December, 2001

(NET MWe)

| <u>DAY</u> | <u>Avg. Power Level</u> | <u>DAY</u> | <u>Avg. Power Level</u> |
|------------|-------------------------|------------|-------------------------|
| 1 | <u>1,104</u> | 16 | <u>1,104</u> |
| 2 | <u>1,104</u> | 17 | <u>1,105</u> |
| 3 | <u>1,104</u> | 18 | <u>1,107</u> |
| 4 | <u>1,105</u> | 19 | <u>1,106</u> |
| 5 | <u>1,102</u> | 20 | <u>1,107</u> |
| 6 | <u>1,105</u> | 21 | <u>1,107</u> |
| 7 | <u>1,105</u> | 22 | <u>1,105</u> |
| 8 | <u>1,106</u> | 23 | <u>1,106</u> |
| 9 | <u>1,106</u> | 24 | <u>1,106</u> |
| 10 | <u>1,106</u> | 25 | <u>1,106</u> |
| 11 | <u>1,106</u> | 26 | <u>1,107</u> |
| 12 | <u>1,106</u> | 27 | <u>1,106</u> |
| 13 | <u>1,107</u> | 28 | <u>1,107</u> |
| 14 | <u>1,107</u> | 29 | <u>1,107</u> |
| 15 | <u>1,107</u> | 30 | <u>1,106</u> |
| | | 31 | <u>1,105</u> |

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 : **January 8, 2002**
COMPLETED BY : **Bruce Meyers**
TELEPHONE : **(504) 739-6426**

REPORTING PERIOD : **December, 2001**

| <u>Number</u> | <u>Date</u> (yyymmdd) | <u>*</u> <u>Type</u> | <u>Outage</u> <u>Duration</u> (Hours) | <u>**</u> <u>Reason</u> | <u>***</u> <u>Shutdown</u> <u>Method</u> | <u>Cause, Comments and</u> <u>Corrective Actions</u> |
|---------------|--------------------------|-------------------------|---|----------------------------|--|---|
| NA | | | | | | |

*
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)