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Director, Nuclear Safety Assurance  
Waterford 3

**W3F1-2001-0120**

**A4.05**

**PR**

December 7, 2001

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 November, 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 script, appearing to read "Alan J. Harris", with the letters "FCH" written below it.

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.),  
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IE24

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

The unit operated at an average reactor power level of 99.96% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE  
FAILURES AND CHALLENGES  
WATERFORD 3  
for November, 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 : December 4, 2001  
 COMPLETED BY : Bruce Meyers  
 TELEPHONE : (504) 739-6426

## OPERATING STATUS

- |   |   |                       |
|---|---|-----------------------|
| 1. Reporting Period                                   | : | <b>November, 2001</b> |
| Gross Hours in Reporting Period                       | : | <b>720</b>            |
| 2. Currently Authorized Power Level (MWt)             | : | <b>3,390</b>          |
| Maximum Dependable Capacity (Net MWe)                 | : | <b>1,075</b>          |
| Design Electrical Rating (Net MWe)                    | : | <b>1,104</b>          |
| 3. Power Level to which Restricted (if any) (Net MWe) | : | <b>N/A</b>            |
| 4. Reason for Restriction (if any)                    | : | <b>N/A</b>            |

|   | THIS<br>MONTH | YEAR TO<br>DATE | CUMULATIVE  |
|---|---------------|-----------------|-------------|
| 5. Number of Hours Reactor was Critical     | 720.0         | 7,983.0         | 121,339.4   |
| 6. Reactor Reserve Shutdown Hours           | 0.0           | 0.0             | 0.0         |
| 7. Hours Generator was On-line              | 720.0         | 7,974.7         | 120,080.7   |
| 8. Unit Reserve Shutdown Hours              | 0.0           | 0.0             | 0.0         |
| 9. Gross Thermal Energy Generated (MWH)     | 2,439,796     | 26,923,281      | 399,579,248 |
| 10. Gross Electrical Energy Generated (MWH) | 827,728       | 9,090,973       | 133,939,202 |
| 11. Net Electrical Energy Generated (MWH)   | 794,604       | 8,716,484       | 127,909,728 |
| 12. Reactor Service Factor                  | 100.0         | 99.6            | 85.5        |
| 13. Reactor Availability Factor             | 100.0         | 99.6            | 85.5        |
| 14. Unit Service Factor                     | 100.0         | 99.5            | 84.6        |
| 15. Unit Availability Factor                | 100.0         | 99.5            | 84.6        |
| 16. Unit Capacity Factor (using MDC)        | 102.7         | 101.2           | 83.9        |
| 17. Unit Capacity Factor (using DER)        | 100.0         | 98.5            | 81.7        |
| 18. Unit Forced Outage Rate                 | 0.0           | 0.5             | 3.9         |

## OPERATING DATA REPORT

DOCKET NUMBER : 50-382  
UNIT NAME : WATERFORD 3  
DATE OF REPORT : December 4, 2001  
COMPLETED BY : Bruce Meyers  
TELEPHONE : (504) 739-6426

### 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<br/>MONTH</u> | <u>YEAR TO<br/>DATE</u> | <u>CUMULATIVE</u> |
|--|-----------------------|-------------------------|-------------------|
| 22. Hours in Reporting Period          | <u>720</u>            | <u>8,016</u>            | <u>141,889</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

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## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NUMBER : **50-382**  
 UNIT NAME : **WATERFORD 3**  
 DATE OF REPORT : **December 4, 2001**  
 COMPLETED BY : **Bruce Meyers**  
 TELEPHONE : **(504) 739-6426**

Reporting Period : November, 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>1,102</u>            | 17         | <u>1,104</u>            |
| 3          | <u>1,102</u>            | 18         | <u>1,105</u>            |
| 4          | <u>1,104</u>            | 19         | <u>1,104</u>            |
| 5          | <u>1,104</u>            | 20         | <u>1,104</u>            |
| 6          | <u>1,104</u>            | 21         | <u>1,104</u>            |
| 7          | <u>1,104</u>            | 22         | <u>1,105</u>            |
| 8          | <u>1,104</u>            | 23         | <u>1,104</u>            |
| 9          | <u>1,104</u>            | 24         | <u>1,104</u>            |
| 10         | <u>1,103</u>            | 25         | <u>1,104</u>            |
| 11         | <u>1,104</u>            | 26         | <u>1,104</u>            |
| 12         | <u>1,104</u>            | 27         | <u>1,103</u>            |
| 13         | <u>1,103</u>            | 28         | <u>1,103</u>            |
| 14         | <u>1,103</u>            | 29         | <u>1,102</u>            |
| 15         | <u>1,103</u>            | 30         | <u>1,103</u>            |
|            |                         |            | <u> </u>                |
|            |                         |            | <u> </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 : December 4, 2001  
COMPLETED BY : Bruce Meyers  
TELEPHONE : (504) 739-6426

REPORTING PERIOD : November, 2001

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

\*

## TYPE

F - Forced  
S - Scheduled

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## 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)

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## METHOD

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