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Everett P. Perkins, Jr.
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Waterford 3

W3F1-2000-0140
A4.05
PR

October 13, 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 September 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 "Everett P. Perkins, Jr." with a stylized flourish at the end.

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

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

The unit operated at an average reactor power level of 99.8% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for September, 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 : **October 13, 2000**
 COMPLETED BY : **Richard Pollock**
 TELEPHONE : **(504) 739-6561**

OPERATING STATUS

- | | | |
|---|---|------------------------|
| 1. Reporting Period | : | September, 2000 |
| Gross Hours in Reporting Period | : | 720 |
| 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	720.0	6,386.9	111,945.8
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	720.0	6,364.7	110,726.0
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2,436,861	21,529,402	368,056,383
10. Gross Electrical Energy Generated (MWH)	827,238	7,276,770	123,282,122
11. Net Electrical Energy Generated (MWH)	791,287	6,974,396	117,690,259
12. Reactor Service Factor	100.0	97.1	85.0
13. Reactor Availability Factor	100.0	97.1	85.0
14. Unit Service Factor	100.0	96.8	84.1
15. Unit Availability Factor	100.0	96.8	84.1
16. Unit Capacity Factor (using MDC)	102.2	98.7	83.2
17. Unit Capacity Factor (using DER)	99.5	96.1	81.0
18. Unit Forced Outage Rate	0.0	0.7	4.2

OPERATING DATA REPORT

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OPERATING STATUS (Cont.)

19. Shutdowns Scheduled over next 6 months (type, date and duration of each) :
Refueling outage # 10 - beginning on October 14, 2000 - 35 day outage.

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

21. Unit is in Commercial Operation.

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
22. Hours in Reporting Period	<u>720</u>	<u>6,575</u>	<u>131,664</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 : October 13, 2000
COMPLETED BY : Richard Pollock
TELEPHONE : (504) 739-6561

Reporting Period : September, 2000

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	1,094	16	1,102
2	1,094	17	1,102
3	1,094	18	1,103
4	1,093	19	1,103
5	1,094	20	1,102
6	1,095	21	1,102
7	1,096	22	1,103
8	1,097	23	1,103
9	1,051	24	1,103
10	1,098	25	1,103
11	1,100	26	1,107
12	1,101	27	1,106
13	1,101	28	1,106
14	1,101	29	1,107
15	1,101	30	1,108

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

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 TELEPHONE : **(504) 739-6561**

REPORTING PERIOD : **September, 2000**

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

TYPE

- F - Forced
- S - Scheduled

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)

METHOD

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