

# OPERATING DATA REPORT

DOCKET NO. 50-397  
 UNIT WNP-2  
 DATE 4/3/85  
 COMPLETED BY L.B. Hutchison  
 TELEPHONE (509) 377-2501 ext 2486

## OPERATING STATUS

1. REPORTING PERIOD: MARCH 1985 GROSS HOURS IN REPORTING PERIOD: 744  
 2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 3323 MAX. DEPEND. CAPACITY (MWe-Net): 1095  
 DESIGN ELECTRICAL RATING (MWe-Net): 1100 MAX. DEPEND. CAPACITY (MWe-GROSS): 1140  
 3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE  
 4. REASONS FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	658.4	1796.2	2212.7
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON LINE	641.1	1688.9	2087.4
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,078,640	5,330,140	6,543,768
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	686,230	1,770,300	2,197,230
11. NET ELECTRICAL ENERGY GENERATED (MWH)	659,898	1,701,157	2,111,543
12. REACTOR SERVICE FACTOR	88.5%	83.2%	85.1%
13. REACTOR AVAILABILITY FACTOR	88.5%	83.2%	85.1%
14. UNIT SERVICE FACTOR	86.2%	78.2%	80.3%
15. UNIT AVAILABILITY FACTOR	86.2%	78.2%	80.3%
16. UNIT CAPACITY FACTOR (Using MDC)	81.0%	71.9%	74.2%
17. UNIT CAPACITY FACTOR (Using Design MWe)	80.6%	71.6%	73.8%
18. UNIT FORCED OUTAGE RATE	13.8%	21.8%	19.7%

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

Annual Maintenance Outage (M3) 5/1/85 for 60 days.

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: \_\_\_\_\_

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

\_\_\_\_\_

INITIAL ELECTRICITY

\_\_\_\_\_

COMMERCIAL OPERATION

\_\_\_\_\_

Generator Name Plate 1,231,700 KVA @ 0.975 P.F.

8506070165 850331  
 PDR ADOCK 05000397  
 R PDR

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DOCKET NO. 50-397

UNIT NAME WNP-2

DATE 4/2/85

COMPLETED BY L.B. Hutchison

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UNIT SHUTDOWNS / REDUCTIONS

REPORT PERIOD MARCH 19 85  
month, year

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u>	<u>HOURS</u>	<u>REASON</u>	<u>METHOD</u>	<u>LER NUMBER</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>CAUSE &amp; CORRECTIVE ACTION TO PREVENT RECURRENCE</u>
85-07	3/22/85	F	102.9	A	3	LATER	HA	INSTRU	<p>Reactor SCRAMMED at 100% power when placing the turbine DEH control system in the monitoring mode. Trouble shooting revealed:</p> <p>1) A faulty computer memory board</p> <p>2) A faulty EIS computer interface board</p> <p>3) A faulty Prom logic card in the governor valve circuit.</p> <p>Item 1&amp;2 were replaced and item #3 was repaired. The DEH control system was then tested and the unit returned to service.</p> <p>(LER later)</p>

SUMMARY

TYPE	REASON		METHOD	SYSTEM & COMPONENT
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WNP-2

DATE 4/2/85

COMPLETED BY L. B. Hutchison

TELEPHONE (509)377-2501 ext 2486

MONTH MARCH 1985

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>1072</u>
2	<u>1012</u>
3	<u>1079</u>
4	<u>1081</u>
5	<u>1081</u>
6	<u>1081</u>
7	<u>1084</u>
8	<u>1082</u>
9	<u>1025</u>
10	<u>1082</u>
11	<u>1077</u>
12	<u>1078</u>
13	<u>1078</u>
14	<u>1077</u>
15	<u>984</u>
16	<u>1074</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>1076</u>
18	<u>1073</u>
19	<u>1072</u>
20	<u>1069</u>
21	<u>1072</u>
22	<u>664</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>8</u>
27	<u>678</u>
28	<u>997</u>
29	<u>874</u>
30	<u>924</u>
31	<u>941</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.

These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

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**Washington Public Power Supply System**

3000 George Washington Way P.O. Box 968 Richland, Washington 99352-0968 (509)372-5000

April 8, 1985

Docket No. 50-397

Director  
Office of Resource Management  
U. S. Nuclear Regulatory Commission  
Washington D. C. 20555

Dear Sir:

Subject: NUCLEAR PLANT NO. 2  
MONTHLY OPERATING REPORT

Transmitted herewith is the Monthly Operating Report for  
March 1985 as required by our Technical Specifications  
6.9.1.6.

Very truly yours,

*CM Powers for*  
J. D. Martin (M/D 927M)  
WNP-2 Plant Manager

JDM/pl

Enclosure

cc: Mr. John B. Martin - NRC, Region V  
Mr. A. D. Toth - WNP-2 Site  
Ms. Dottie Sherman - ANI, Farmington, CT

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