

# OPERATING DATA REPORT

DOCKET NO. 50-397  
UNIT WNP-2  
DATE 9/4/84  
COMPLETED BY L.B. Hutchison  
TELEPHONE (509) 377-2501 ext.2486

## OPERATING STATUS

1. REPORTING PERIOD: August 1984 GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 3323 MAX. DEPEND. CAPACITY (MWe-Net): 1100  
DESIGN ELECTRICAL RATING (MWe-Net): 1100 MAX. DEPEND. CAPACITY (MWe-GROSS): 1,154.7

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): 75% Net MWe Capacity (825 MWe)

4. REASONS FOR RESTRICTION (IF ANY): Plant is in Startup and Power Ascension Test Plan and must complete test Condition 3 requirements before exceeding 75% of capacity.

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	465.7	1,117.8	1,117.8
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON LINE	235.8	663.2	663.2
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	377,947	844,192	844,192
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	96,968	199,463	199,463
11. NET ELECTRICAL ENERGY GENERATED (MWH)	88,842	178,610	178,610
12. REACTOR SERVICE FACTOR	N/A	N/A	N/A
13. REACTOR AVAILABILITY FACTOR	N/A	N/A	N/A
14. UNIT SERVICE FACTOR	N/A	N/A	N/A
15. UNIT AVAILABILITY FACTOR	N/A	N/A	N/A
16. UNIT CAPACITY FACTOR (Using MDC)	N/A	N/A	N/A
17. UNIT CAPACITY FACTOR (Using Design MWe)	N/A	N/A	N/A
18. UNIT FORCED OUTAGE RATE	N/A	N/A	N/A

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
Maintenance M2 Outage, 10/4 thru 10/10/84

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

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

	FORECAST	ACHIEVED
INITIAL CRITICALITY	<u>1/16/84</u>	<u>1/19/84</u>
INITIAL ELECTRICITY	<u>5/15/84</u>	<u>5/27/84</u>
COMMERCIAL OPERATION	<u>10/19/84</u>	<u>- - -</u>

Generator Nameplate Rating 1,231,700 KVA @ 0.975 P.F.

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WNP-2

DATE 9/4/84

COMPLETED BY L.B. Hutchison

TELEPHONE (509) 377-2501  
ext. 2486

MONTH AUGUST 1984

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>0</u>
2	<u>8</u>
3	<u>55</u>
4	<u>311</u>
5	<u>321</u>
6	<u>355</u>
7	<u>14</u>
8	<u>0</u>
9	<u>0</u>
10	<u>77</u>
11	<u>379</u>
12	<u>55</u>
13	<u>0</u>
14	<u>5</u>
15	<u>303</u>
16	<u>227</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>0</u>
18	<u>51</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>189</u>
30	<u>714</u>
31	<u>637</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.

DOCKET NO. 50-397

UNIT NAME WNP-2

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SHEET 1 of 2

UNIT SHUTDOWNS / REDUCTIONSREPORT PERIOD AUG 19 84  
month, year

NO.	DATE	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
84-12	7/10/84	F	44.7	A	4	84.075	EB	GENERA D	Diesel Generator repair and modification outage concluded.
84-13	8/3/84	F	15.1	A	1	- -	HJ	HTEXCH X	Plant was shutdown to repair a severe steam leak from a handhole on the Moisture Separator Heater Drain Tank. The leak was repaired by seal welding the handhole to prevent recurrence.
84-14	8/7/84	S	80.9	B	3	- -	EA	XXXXXX	Loss of Power test conducted as part of the Power Ascension Test Program.
84-15	8/12/84	F	66.3	A	1	84.083	HC	HTEXCH D	Plant was shutdown due to high conductivity caused by a condenser tube leak. One failed condenser tube was found in the center of a tube bundle. The tube was plugged and a chemistry guidance letter issued to aid in early conductivity excursion assessment. (See LER 84.083)

SUMMARY

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

DOCKET NO. 50-397  
UNIT NAME WNP-2  
DATE 9/4/84

UNIT SHUTDOWNS / REDUCTIONS

REPORT PERIOD AUG 19 84  
month, year

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SHEET 2 of 2

<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>
84-16	8/16/84	F	30.1	B	3	84-089	IA	INSTRU E	MSL - Hi RAD DIV II surveillance caused 1/2 SCRAM and C.R. Block flow comparator surveillance caused second 1/2 SCRAM for DIV I resulting in Reactor trip. (See LER 84-089)
84-17	8/17/84	F	5.3	A	/		HH	PIPEXX B	Could not attain sufficient vacuum after startup due to 6A and B High Pressure FW Heater ruptured discs, downstream of RV's, being ruptured from previous SCRAM. The cause was determined and the ruptured discs replaced.
84-18	8/18/84	F	265.8	A	/		HC	HTEXCH D	Plant was shutdown due to high conductivity caused by condenser tube leaks. It was determined there were nine (9) relatively minor tube leaks and one (1) major leak. The cause of leakage was determined the leaking tubes were plugged and the condenser returned to service.

SUMMARY

PLANT CONTINUED IN POWER ASCENSION TEST PROGRAM THROUGH THE MONTH OF AUGUST.

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

**Washington Public Power Supply System**

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

September 10, 1984

Docket No. 50-397

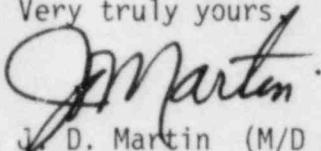
Director  
Office of Resource Management  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir:

Subject: NUCLEAR PLANT NO. 2  
MONTHLY OPERATING REPORT

Transmitted herewith is the Monthly Operating Report for August 1984  
as required by our Technical Specifications 6.9.1.6.

Very truly yours,



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 - NRC, WNP-2 Site  
Ms. Dottie Sherman - ANI, Farmington, CT

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