

OPERATING DATA REPORT

DOCKET NO. 50-397
 UNIT WNP-2
 DATE 1/2/85
 COMPLETED BY L.B. Hutchison
 TELEPHONE (509) 377-2501 ext 2486

OPERATING STATUS

1. REPORTING PERIOD: 12/13 @ 1550 Hrs thru 12/31/84 GROSS HOURS IN REPORTING PERIOD: 440.2
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3323 MAX. DEPEND. CAPACITY (MWt-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	416.5	416.5	416.5
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON LINE	398.5	398.5	398.5
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,213,628	1,213,628	1,213,628
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	426,930	426,930	426,930
11. NET ELECTRICAL ENERGY GENERATED (MWH)	410,386	410,386	410,386
12. REACTOR SERVICE FACTOR	94.6%	94.6%	94.6%
13. REACTOR AVAILABILITY FACTOR	94.6%	94.6%	94.6%
14. UNIT SERVICE FACTOR	90.5%	90.5%	90.5%
15. UNIT AVAILABILITY FACTOR	90.5%	90.5%	90.5%
16. UNIT CAPACITY FACTOR (Using MDC)	85.1%	85.1%	85.1%
17. UNIT CAPACITY FACTOR (Using Design MWe)	84.8%	84.8%	84.8%
18. UNIT FORCED OUTAGE RATE	9.5%	9.5%	9.5%

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
 Annual Maintenance Outage: 4/15/85 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 | _____ | _____ |

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WNP-2

DATE 1/2/85

COMPLETED BY L.B. Hutchison

TELEPHONE (509) 377-2501 ext
2486

NOTE! Commercial Operation began at
1550 hours on December 13, 1984

MONTH December 1984

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	360*
14	1065
15	1075
16	1072

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	1070
18	1069
19	1069
20	1070
21	1067
22	1027
23	1062
24	1069
25	1069
26	1069
27	1066
28	486
29	0
30	406
31	925

* Generation on December 13, 1984 after start of Commercial Operation at 1555 Hrs. was 8639 MWH (360 x 24)

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

DATE 1/2/85

COMPLETED BY L.B. HUTCHISON

TELEPHONE (509) 377-2501 ext 2486

UNIT SHUTDOWNS / REDUCTIONS

Dec. 13 @ 1550 hrs. thru Dec. 31,
REPORT PERIOD 1984
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 & CORRECTIVE ACTION TO PREVENT RECURRENCE</u>
84-01	12/28/84	F	41.7	A	3	LATER	HA	RELAYX A	A reactor SCRAM occurred from 100% power due to a turbine trip, caused by actuation of a generator protection relay from a drop in the auto stop oil header pressure. The fluctuation in pressure occurred when the air side seal oil pump was removed from service. Investigation revealed the setpoint of auto-stop pressure switch was high and the auto stop oil pressure was abnormally low. The switch setpoint was calibrated to its proper value and the auto stop oil orifices and relief valves were cleaned to restore normal oil header pressure.

<u>SUMMARY</u>	The Test and Ascension Program was completed and WNP-2 began Commercial Operation on December 13, 1984 at 1550 hours.
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<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & 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	

AVERAGE DAILY UNIT POWER LEVEL

NOTE! WNP-2 COMMERCIAL ON DECEMBER 13
AT 1550 HRS.
SEE SECOND REPORT FOR REMAINDER
OF MONTH

DOCKET NO. 50-397

UNIT WNP-2

DATE 01/02/85

COMPLETED BY L.B. Hutchison

TELEPHONE (509) 377-2501
ext. 2486

MONTH DECEMBER 1 Thru 1550 Hrs. on 12/13/84

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1049</u>
2	<u>179</u>
3	<u>29</u>
4	<u>739</u>
5	<u>839</u>
6	<u>950</u>
7	<u>777</u>
8	<u>1035</u>
9	<u>1063</u>
10	<u>1059</u>
11	<u>1062</u>
12	<u>1058</u>
13	<u>686 *</u>
14	<u> </u>
15	<u> </u>
16	<u> </u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u> </u>
18	<u> </u>
19	<u> </u>
20	<u> </u>
21	<u> </u>
22	<u> </u>
23	<u> </u>
24	<u> </u>
25	<u> </u>
26	<u> </u>
27	<u> </u>
28	<u> </u>
29	<u> </u>
30	<u> </u>
31	<u> </u>

* Generation for December 13 up to time of Commercial Operation (1550 hrs)
was 16,452 MWe Net. (686 x 24)

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.

OPERATING DATA REPORT

NOTE! WNP-2 COMMERCIAL ON DECEMBER 13
AT 1550 HRS.
SEE SECOND REPORT FOR REMAINDER
OF MONTH

DOCKET NO. 50-397
UNIT WNP-2
DATE 01/02/85
COMPLETED BY L.B. Hutchison
TELEPHONE (509) 377-2501 ext. 2486

OPERATING STATUS (For completion of Test & Ascension program)

1. REPORTING PERIOD: 12/1 Thru 1550 Hrs on 12/13/84 GROSS HOURS IN REPORTING PERIOD: 303.8
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 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):

	Period		
	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	278.6	2845.1	2845.1
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON LINE	266.3	2260.2	2260.2
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	764,760	4,538,252	4,538,252
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	259,930	1,377,180	1,377,180
11. NET ELECTRICAL ENERGY GENERATED (MWH)	249,020	1,294,138	1,294,138
12. REACTOR SERVICE FACTOR	N/A	- - -	- - -
13. REACTOR AVAILABILITY FACTOR	N/A	- - -	- - -
14. UNIT SERVICE FACTOR	N/A	- - -	- - -
15. UNIT AVAILABILITY FACTOR	N/A	- - -	- - -
16. UNIT CAPACITY FACTOR (Using MDC)	N/A	- - -	- - -
17. UNIT CAPACITY FACTOR (Using Design MWe)	N/A	- - -	- - -
18. UNIT FORCED OUTAGE RATE	N/A	- - -	- - -

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
Annual Maintenance Outage: 4/15/85 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	<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>12/10/84</u>	<u>12/13/84</u>

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

DOCKET NO. 50-397
 UNIT NAME WNP-2
 DATE 01/02/85
 COMPLETED BY L.B. Hutchison
 TELEPHONE (509) 377-2501 ext 2486

UNIT SHUTDOWNS / REDUCTIONS

12/1 to 1550 Hrs, 12/13/84
 REPORT PERIOD 19__
 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 & CORRECTIVE ACTION TO PREVENT RECURRENCE</u>
84-33	12/2/84	S	25.5	B	3	- - - -	HA	RELAYX A	Initiated a generator load reject trip at 100% power as part of the Test and Ascension Program
84-34	12/3/84	F	12.0	G	3	84-124	CH	INSTRU C	Reactor scram at 25% power on low water level caused by loss of feedwater flow while transferring feedwater control from flow control valve to speed control. (See LER 84-124)

SUMMARY

Completed Test and Ascension Program with a 100 hour warranty run at 100% power on December 12, 1984. Plant was declared commercial at 1550 hours on December 13, 1984.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & 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

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

January 9, 1985

Docket No. 50-397

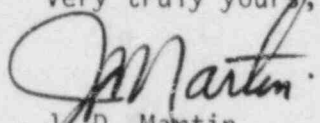
Director
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Subject: NUCLEAR PLANT NO. 2
MONTHLY OPERATING REPORT

Transmitted herewith is the Monthly Operating Report for December 1984 as required by our Technical Specifications 6.9.1.6. Two reports have been included for December 1984 as the Test and Ascension Program was completed and Nuclear Plant No. 2 began Commercial Operation on December 13, 1984 at 1550 hours.

Very truly yours,



J. D. Martin
WNP-2 Plant Manager

JDM/pl

enclosure

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