

DOCKET NO. 50-397

UNIT NAME WNP-2

DATE 12-2-85

COMPLETED BY L.B. Hutchison

TELEPHONE (509)377-2486

UNIT SHUTDOWNS / REDUCTIONSREPORT PERIOD NOV 19 85  
month, year

NO.	DATE	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
85-02P	7/1/85	F	0	A	5	--	CB	PUMPXX	POWER OUTPUT LIMITED TO 73% DUE TO INOPERABILITY OF "B" RRC PUMP
85-17	11/13/85	F	112.37	A	3	later	EG	INSTRU-P	TURBINE TRIP AND REACTOR SCRAM AT 51% POWER. RPV HIGH WATER LEVEL WHICH RESULTED IN THE TURBINE TRIP WAS CAUSED BY FAILURE OF AN INVERTER WHICH CAUSED A TRANSIENT OF THE INSTRUMENT POWER SUPPLY AND BLEW A FUSE IN THE FEEDWATER CONTROL CIRCUITRY. THE INVERTER WAS REPAIRED AND A DESIGN CHANGE INITIATED TO REVISE THE POWER SUPPLY CIRCUITRY FOR THE FEEDWATER CONTROL SYSTEM.

SUMMARY
 B602180535 851130  
 PDR ADOCK 05000397  
 R PDR

TYPE	REASON	METHOD	SYSTEM & COMPONENT
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	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)

OPERATING DATA REPORT  
WNP-2

02-Dec-85

- . DOCKET: 50-397
- . REPORTING PERIOD: Nov-85 OUTAGE+ON-LINE HOURS 720
- . UTILITY CONTACT: LEONARD HUTCHISON (509) 377-2486
- . LICENSED THERMAL POWER (MWe): 3323
- . NAMEPLATE RATING (GROSS MWe): 1200.1
- . DESIGN ELECTRICAL RATING (NET MWe): 1100
- . MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): 1140
- . MAXIMUM DEPENDABLE CAPACITY (NET MWe): 1095
- . IF CHANGES OCCUR ABOVE SINCE LAST REPORT, GIVE REASONS:

0. POWER TO WHICH RESTRICTED, IF ANY (NET MWe): 800 MWe NET

1. REASONS FOR RESTRICTIONS, IF ANY: "B" RRC PUMP INOPERABLE

	MONTH	YEAR	CUMULATIVE
2. REPORT PERIOD HOURS	720	8016	8456.2
3. HOURS REACTOR CRITICAL	619.6	6155.6	6572.1
4. RX RESERVE SHUTDOWN HRS	0.0	0.0	0.0
5. HRS GENERATOR ON LINE	607.6	5897.6	6296.1
6. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
7. GROSS THERMAL ENERGY (MWH)	1406640	14639527	15853155
8. GROSS ELECTRICAL ENERGY (MWH)	461880	4839230	5266160
9. NET ELECTRICAL ENERGY (MWH)	443543	4640078	5050464
0. UNIT SERVICE FACTOR	84.4%	73.6%	74.5%
1. UNIT AVAILABILITY FACTOR	84.4%	73.6%	74.5%
2. UNIT CAPACITY FACTOR (MDC NET)	56.3%	52.9%	54.5%
3. UNIT CAPACITY FACTOR (DER NET)	56.0%	52.6%	54.3%
4. UNIT FORCED OUTAGE RATE	15.6%	11.2%	11.1%
5. FORCED OUTAGE HOURS	112.4	743.3	785.0

6. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, DURATION):  
REFUELING & MAINTENANCE OUTAGE 4/15/86 FOR 60 DAYS

7. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: \_\_\_\_\_

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WMP-2

DATE 12-2-85

COMPLETED BY LB Hutchison

TELEPHONE (509)377-2486

MONTH NOVEMBER 1985

## DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

1	<u>749</u>
2	<u>747</u>
3	<u>754</u>
4	<u>762</u>
5	<u>761</u>
6	<u>763</u>
7	<u>765</u>
8	<u>766</u>
9	<u>759</u>
10	<u>757</u>
11	<u>745</u>
12	<u>756</u>
13	<u>124</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

## DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

17	<u>2</u>
18	<u>399</u>
19	<u>678</u>
20	<u>751</u>
21	<u>751</u>
22	<u>752</u>
23	<u>755</u>
24	<u>746</u>
25	<u>746</u>
26	<u>742</u>
27	<u>737</u>
28	<u>739</u>
29	<u>737</u>
30	<u>737</u>
31	<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.

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.

## Washington Public Power Supply System

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

December 6, 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  
November 1985 as required by our Technical Specifications  
6.9.1.6.

Very truly yours,

*CM Powers*  
C. M. Powers (M/D 927M)  
WNP-2 Plant Manager

CMP/lc

Enclosure

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

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