OPERATING DATA REPORT

DOCKET NO. 50-397

UNIT WNP-2

DATE 6/15/84

COMPLETED BY K. D. Cowan

TELEPHONE (509) 377-2501, Ext. 2286

OPERATING STATUS

1. REPORTING PERIOD: 5/1 to 5/27, 1984 GROSS HOURS IN REPORTING PERIOD: 645.8
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3323 MAX. DEPEND. CAPACITY (MWe-Net): 1100
   DESIGN ELECTRICAL RATING (MWe-Net): 1100
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): 20% Gross MW
4. REASONS FOR RESTRICTION (IF ANY): The unit is in the Startup and Power Ascension Test phase and must complete test condition - 1 requirements prior to increasing power level.

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	462.93	891.13	891.13
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON LINE	0	0	0
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	148140.3	199281.7	199281.7
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	0	0
11. NET ELECTRICAL ENERGY GENERATED (MWH)	0	0	0
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):
    6/28/84 - Loss of offsite power testing approximately 1-day
    7/25/84 - A maintenance outage of undetermined duration. It should be approx. 3 da
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	1/16/84	1/16/84
INITIAL ELECTRICITY	5/15/84	5/27/84
COMMERCIAL OPERATION	9/5/84	

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OPERATING DATA REPORT

DOCKET NO. 50-397
UNIT WNP-2
DATE 6/15/84
COMPLETED BY K. D. Cowan
TELEPHONE (509) 377-2501, Ext. 2286

OPERATING STATUS

1. REPORTING PERIOD: May 27-31, 1984 GROSS HOURS IN REPORTING PERIOD: *98.2
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3323 MAX. DEPEND. CAPACITY (MWe-Net): 1100
   DESIGN ELECTRICAL RATING (MWe-Net): 1100
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): 40% Gross MW
4. REASONS FOR RESTRICTION (IF ANY): The unit is in the Startup and Power Ascension Test phase and must complete test condition - 2 requirements prior changing % power restriction.

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	83.4	974.53	974.53
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON LINE	58	58	58
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	44501.4	243783.1	243783.1
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	5085	5085	5085
11. NET ELECTRICAL ENERGY GENERATED (MWH)	5085	5085	5085
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):
6/28/84 - Loss of offsite power testing approximately 1 - day
7/25/84 - A maintenance outage of undetermined duration. It should be approx. 3 day
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	1/16/84	1/16/84
INITIAL ELECTRICITY	5/15/84	5/27/84
COMMERCIAL OPERATION	9/5/84	_____

*Hours in period following initial electrical generation

DOCKET NO. 50-397
UNIT NAME WNP-2
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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH 5/1 to 5/27 1984

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
	5/2/84	S	9	B	2	Manual scram to obtain scram timing data
	5/13/84	F	45.5	A	3	Auto scram occurred during initial attempt to snynchronize the Turbine Generator when the DEH System malfunctioned. DEH was reworked. See LER 84-044
	5/17/84	F	9	A	2	Manual scram was initiated due to difficulty maintaining feed flow to the reactor. Trouble shooting and rework of Feed Water Control System. See LER 84-042
	5/18/84	F	8	A	3	Auto scram due to another problem with the DEH System. Auto start setpoint of Standby Pump had to be adjusted. See LER 84-045
	5/19/84	F	10	H	3	Auto scram due to a procedural inadequacy which left a 1/2 trip signal instated from a previous surveillance test. Procedure was revised. See LER 84-043
	5/20/84	S	120	B	2	Manual scram from outside the Control Room for test purposes.

SUMMARY: The Startup and Power Ascension Test phase has progressed through heat-up and test condition-1 and initial electrical generation began at 2150 on 5/27/84. From 5/20/84 to 5/26/84 the plant was shutdown for minor maintenance work.

(1) REASON
- A: EQUIPMENT FAILURE (EXPLAIN)
- B: MAINT. OR TEST
- C: REFUELING
- D: REGULATORY RESTRICTION
- E: OPERATOR TRAINING AND LICENSE EXAMINATION
- F: ADMINISTRATIVE
- G: OPERATIONAL ERROR (EXPLAIN)
- H: OTHER (EXPLAIN)

(2) METHOD
- 1: MANUAL
- 2: MANUAL SCRAM
- 3: AUTOMATIC SCRAM
- 4: OTHER (EXPLAIN)

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH 5/27 to 5/31, 1984

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
	5/28/84	F	7	G	3	Auto scram on low RPV-level due to loss of Condensate Booster Pump and Feed Pump while putting the Condensate Demins in service.
	5/29/84	F	8	A	3	Auto scram due to high reactor pressure which was caused by rapid closure of the bypass valves. The initiating action was a spike in 1st stage pressure due to valve cycling.

SUMMARY:

(1) REASON
- A: EQUIPMENT FAILURE (EXPLAIN)
- B: MAINT. OR TEST
- C: REFUELING
- D: REGULATORY RESTRICTION
- E: OPERATOR TRAINING AND LICENSE EXAMINATION
- F: ADMINISTRATIVE
- G: OPERATIONAL ERROR (EXPLAIN)
- H: OTHER (EXPLAIN)

(2) METHOD
- 1: MANUAL
- 2: MANUAL SCRAM
- 3: AUTOMATIC SCRAM
- 4: OTHER (EXPLAIN)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397
UNIT WNP-2
DATE 6/15/84
COMPLETED BY K. D. Cowan
TELEPHONE (509) 377-2501, Ext. 2286

MONTH 5/1/ to 5/27 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	A new reporting
12	0	28	period started on
13	0	29	5/27/84 with the
14	0	30	initial electrical
15	0	31	generation
16	0		

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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397
UNIT WNP-2
DATE 6/15/84
COMPLETED BY K. D. Cowan
TELEPHONE (509) 377-2501 Ext. 2286

MONTH 5/27 to 5/31 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	* 46
12	0	28	60
13	0	29	71
14	0	30	44
15	0	31	74
16	0		

*Initial electrical generation started at 2150 on 5/27/84 and the average daily power was computed using the net generation for the day divided by the number of hours the unit was available.

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

Docket No. 50-397

June 15, 1984

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

Dear Sir:

Subject: **NUCLEAR PROJECT NO. 2**
MONTHLY OPERATING REPORT

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

Very truly yours,

J. D. Martin (M/D 927M)
WNP-2 Plant Manager

JDM:de

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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