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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1993 for WNP-2.W/930209 Dtr.

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Docket No. 50-397  
February 9, 1993

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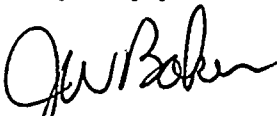
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Dear Sir:

Subject:               **NUCLEAR PLANT NO. 2**  
                             **MONTHLY OPERATING REPORT**  
                             **JANUARY 1993**

Transmitted herewith is the Monthly Operating Report for the month of January 1993 as required by our Technical Specifications 6.9.1.6.

Very truly yours,

  
J. W. Baker  
WNP-2 Plant Manager  
(MD 927M)

LBH/kam

cc:    Mr. W. H. Lovelace, NRC, Washington, DC  
      Mr. J. B. Martin, NRC Region V  
      Ms. Dottie Sherman, ANI, Farmington, CT  
      Mr. R. C. Barr, NRC Resident Inspector (901A)  
      Mr. J. T. Wheelock, INPO  
      Mr. F. Yost, Utility Data Institute

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OPERATING DATA REPORT  
WNP-2

DATE: February 1, 1993

1. DOCKET: 50-397
2. REPORTING PERIOD: Jan-93      OUTAGE + ON-LINE HOURS: 744
3. UTILITY CONTACT: Leonard Hutchison (509) 377-2486
4. LICENSED THERMAL POWER (MWt): 3323
5. NAMEPLATE RATING (GROSS MWe): 1200.9
6. DESIGN ELECTRICAL RATING (NET MWe): 1120
7. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): 1165
8. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 1112
9. IF CHANGES OCCUR ABOVE SINCE LAST REPORT, GIVE REASONS: During last major outage, the main turbine rotors were changed-out increasing the power output of the plant. Tests and calculations recently conducted increased the DER & MDC values.
10. POWER TO WHICH RESTRICTED, IF ANY (NET MWe): \_\_\_\_\_
11. REASONS FOR RESTRICTIONS, IF ANY: None.

	MONTH	YEAR	CUMULATIVE
12. REPORT PERIOD HOURS	744.0	744.0	71,312.2
13. HOURS REACTOR CRITICAL	532.3	532.3	49,681.0
14. RX RESERVE SHUTDOWN HOURS	0.0	0.0	340.4
15. HOURS GENERATOR ON LINE	491.8	491.8	47,799.5
16. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	381.7
17. GROSS THERMAL ENERGY (MWH)	1,611,524	1,611,524	138,776,174
18. GROSS ELECTRICAL ENERGY (MWH)	563,310	563,310	46,412,400
19. NET ELECTRICAL ENERGY (MWH)	534,965	534,965	44,485,384
20. UNIT SERVICE FACTOR	66.1%	66.1%	67.0%
21. UNIT AVAILABILITY FACTOR	66.1%	66.1%	67.6%
22. UNIT CAPACITY FACTOR (MDC NET)	64.7%	64.7%	57.1%
23. UNIT CAPACITY FACTOR (DER NET)	64.2%	64.2%	56.7%
24. UNIT FORCED OUTAGE RATE	28.9%	28.9%	13.5%
25. FORCED OUTAGE HOURS	199.7	199.7	7,473.0

26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, DURATION):  
Refueling outage (R-8) starting April 16, 1993 for 45 days.
27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: \_\_\_\_\_

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-397  
UNIT: WNP-2  
DATE: JANUARY 1993  
COMPLETED BY: LB HUTCHISON  
TELEPHONE: (509) 377-2486

MONTH: JANUARY 1993

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

1.	1103
2.	1111
3.	1115
4.	1112
5.	1109
6.	1108
7.	1113
8.	1111
9.	963
10.	1088
11.	1113
12.	1110
13.	1105
14.	1101
15.	1099
16.	1109

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

17.	1109
18.	1113
19.	1105
20.	1104
21.	436
22.	0
23.	0
24.	0
25.	0
26.	0
27.	0
28.	0
29.	0
30.	0
31.	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.

DOCKET NO.: 50-397  
UNIT NAME: WNP-2  
DATE: FEBRUARY 1, 1993  
COMPLETED BY: LB HUTCHISON  
TELEPHONE: (509) 377-2486

### UNIT SHUTDOWNS / REDUCTIONS

REPORT PERIOD: JANUARY 1993

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u>	<u>HOURS</u>	<u>REASON</u>	<u>METHOD</u>	<u>LER NO</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>CAUSE &amp; CORRECTIVE ACTION TO PREVENT RECURRENCE</u>
93-01	1/21/93	F	199.71	H	3	93-002	CH	PUMPXX	INADVERTENT INITIATION OF FIRE PROTECTION DELAYED SYSTEM IN FEEDPUMP ROOM CAUSED A LOSS OF FEEDWATER PUMP, RESULTING IN LOW REACTOR WATER LEVEL SCRAM FROM 100% POWER. AFTER REPAIR/DRYOUT OF FEEDPUMP CIRCUITRY AND RESOLUTION OF VARIOUS OTHER MAINTENANCE PROBLEMS, THE PLANT WAS RETURNED TO SERVICE ON 1/29/93.
93-02	1/29/93	S	52.45	B	2	N/A	CC	PIPEXX	REACTOR WAS PLACED IN COLD SHUTDOWN FOR REPAIR OF A STEAM LEAK UPSTREAM OF MS-V-239. AFTER REPAIR OF THE CRACKED WELD, THE PLANT WAS RETURNED TO SERVICE.

SUMMARY: WNP-2 INCURRED ONE FORCED OUTAGE AND ONE SCHEDULED OUTAGE IN IN JANUARY AS DESCRIBED ABOVE.

<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 EXAM		(LER) FILE (NUREG -0161)
		1-MANUAL	
		2-MANUAL SCRAM	
		3-AUTO SCRAM	
		4-CONTINUED	
		5-REDUCED LOAD	
		9-OTHER	