

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8906160126 DOC. DATE: 89/05/31 NOTARIZED: NO DOCKET #  
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 AUTH. NAME AUTHOR AFFILIATION  
 HUTCHISON, L. Washington Public Power Supply System  
 POWERS, C.M. Washington Public Power Supply System  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1989 for WNP-2.W/890605 Ltr.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352

Docket No. 50-397

June 5, 1989

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Dear Sir:

SUBJECT: NUCLEAR PLANT NO. 2  
MONTHLY OPERATING REPORT

Transmitted herewith is the Monthly Operating Report  
for May 1989 as required by our Technical Specifications  
6.9.1.6.

Very Truly Yours,

*C M Powers*

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

CMP/1c

Enclosure

cc: Mr. J. B. Martin - NRC Region V  
Mr. C. J. Bosted - NRC Site Representative (901A)  
Ms. Dottie Sherman - ANI, Farmington CT  
Mr. J. T. Wheelock - INPO  
Mr. W. H. Lovelace - NRC, Washington D.C.

8906160126 890531  
PDR ADOCK 05000397  
R PDC

*IF2A*  
*11*



OPERATING DATA REPORT  
WNP-2

01-Jun-89

1. DOCKET: 50-397
2. REPORTING PERIOD: May-89                      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):                      1100
7. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):                      1140
8. MAXIMUM DEPENDABLE CAPACITY (NET MWe):                      1095
9. IF CHANGES OCCUR ABOVE SINCE LAST REPORT, GIVE REASONS:  
-----  
-----  
-----
10. POWER TO WHICH RESTRICTED, IF ANY (NET MWe):                      -----
11. REASONS FOR RESTRICTIONS, IF ANY:                      -----  
-----  
-----  
-----
- |                                    | MONTH | YEAR    | CUMULATIVE |
|------------------------------------|-------|---------|------------|
| 12. REPORT PERIOD HOURS            | 744   | 3623    | 39127.2    |
| 13. HOURS REACTOR CRITICAL         | 0.0   | 2703.8  | 28921.4    |
| 14. RX RESERVE SHUTDOWN HRS        | 0.0   | 0.0     | 340.4      |
| 15. HRS GENERATOR ON LINE          | 0.0   | 2663.2  | 27827.8    |
| 16. UNIT RESERVE SHUTDOWN HOURS    | 0.0   | 0.0     | 381.7      |
| 17. GROSS THERMAL ENERGY (MWH)     | 0     | 7121092 | 76232297   |
| 18. GROSS ELECTRICAL ENERGY (MWH)  | 0     | 2347280 | 25380780   |
| 19. NET ELECTRICAL ENERGY (MWH)    | -5838 | 2249716 | 24418024   |
| 20. UNIT SERVICE FACTOR            | 0.0%  | 73.5%   | 71.1%      |
| 21. UNIT AVAILABILITY FACTOR       | 0.0%  | 73.5%   | 72.1%      |
| 22. UNIT CAPACITY FACTOR (MDC NET) | -0.7% | 56.7%   | 57.0%      |
| 23. UNIT CAPACITY FACTOR (DER NET) | -0.7% | 56.5%   | 56.7%      |
| 24. UNIT FORCED OUTAGE RATE        | 0.0%  | 3.0%    | 9.1%       |
| 25. FORCED OUTAGE HOURS            | 0.0   | 83.6    | 2775.2     |
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE,DATE,DURATION):  
NONE  
-----  
-----
27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE:                      6/18/89

[illegible]

המחלקה הכלכלית והמסחרית של ממשלת ישראל

1	1. The first of the three main types of the	1
2	2. The second of the three main types of the	2
3	3. The third of the three main types of the	3
4	4. The fourth of the three main types of the	4
5	5. The fifth of the three main types of the	5
6	6. The sixth of the three main types of the	6
7	7. The seventh of the three main types of the	7
8	8. The eighth of the three main types of the	8
9	9. The ninth of the three main types of the	9
10	10. The tenth of the three main types of the	10
11	11. The eleventh of the three main types of the	11
12	12. The twelfth of the three main types of the	12
13	13. The thirteenth of the three main types of the	13
14	14. The fourteenth of the three main types of the	14
15	15. The fifteenth of the three main types of the	15
16	16. The sixteenth of the three main types of the	16
17	17. The seventeenth of the three main types of the	17
18	18. The eighteenth of the three main types of the	18
19	19. The nineteenth of the three main types of the	19
20	20. The twentieth of the three main types of the	20
21	21. The twenty-first of the three main types of the	21
22	22. The twenty-second of the three main types of the	22
23	23. The twenty-third of the three main types of the	23
24	24. The twenty-fourth of the three main types of the	24
25	25. The twenty-fifth of the three main types of the	25
26	26. The twenty-sixth of the three main types of the	26
27	27. The twenty-seventh of the three main types of the	27
28	28. The twenty-eighth of the three main types of the	28
29	29. The twenty-ninth of the three main types of the	29
30	30. The thirtieth of the three main types of the	30
31	31. The thirty-first of the three main types of the	31
32	32. The thirty-second of the three main types of the	32
33	33. The thirty-third of the three main types of the	33
34	34. The thirty-fourth of the three main types of the	34
35	35. The thirty-fifth of the three main types of the	35
36	36. The thirty-sixth of the three main types of the	36
37	37. The thirty-seventh of the three main types of the	37
38	38. The thirty-eighth of the three main types of the	38
39	39. The thirty-ninth of the three main types of the	39
40	40. The fortieth of the three main types of the	40
41	41. The forty-first of the three main types of the	41
42	42. The forty-second of the three main types of the	42
43	43. The forty-third of the three main types of the	43
44	44. The forty-fourth of the three main types of the	44
45	45. The forty-fifth of the three main types of the	45
46	46. The forty-sixth of the three main types of the	46
47	47. The forty-seventh of the three main types of the	47
48	48. The forty-eighth of the three main types of the	48
49	49. The forty-ninth of the three main types of the	49
50	50. The fiftieth of the three main types of the	50
51	51. The fifty-first of the three main types of the	51
52	52. The fifty-second of the three main types of the	52
53	53. The fifty-third of the three main types of the	53
54	54. The fifty-fourth of the three main types of the	54
55	55. The fifty-fifth of the three main types of the	55
56	56. The fifty-sixth of the three main types of the	56
57	57. The fifty-seventh of the three main types of the	57
58	58. The fifty-eighth of the three main types of the	58
59	59. The fifty-ninth of the three main types of the	59
60	60. The sixtieth of the three main types of the	60
61	61. The sixty-first of the three main types of the	61
62	62. The sixty-second of the three main types of the	62
63	63. The sixty-third of the three main types of the	63
64	64. The sixty-fourth of the three main types of the	64
65	65. The sixty-fifth of the three main types of the	65
66	66. The sixty-sixth of the three main types of the	66
67	67. The sixty-seventh of the three main types of the	67
68	68. The sixty-eighth of the three main types of the	68
69	69. The sixty-ninth of the three main types of the	69
70	70. The seventieth of the three main types of the	70
71	71. The seventy-first of the three main types of the	71
72	72. The seventy-second of the three main types of the	72
73	73. The seventy-third of the three main types of the	73
74	74. The seventy-fourth of the three main types of the	74
75	75. The seventy-fifth of the three main types of the	75
76	76. The seventy-sixth of the three main types of the	76
77	77. The seventy-seventh of the three main types of the	77
78	78. The seventy-eighth of the three main types of the	78
79	79. The seventy-ninth of the three main types of the	79
80	80. The eightieth of the three main types of the	80
81	81. The eighty-first of the three main types of the	81
82	82. The eighty-second of the three main types of the	82
83	83. The eighty-third of the three main types of the	83
84	84. The eighty-fourth of the three main types of the	84
85	85. The eighty-fifth of the three main types of the	85
86	86. The eighty-sixth of the three main types of the	86
87	87. The eighty-seventh of the three main types of the	87
88	88. The eighty-eighth of the three main types of the	88
89	89. The eighty-ninth of the three main types of the	89
90	90. The ninetieth of the three main types of the	90
91	91. The ninety-first of the three main types of the	91
92	92. The ninety-second of the three main types of the	92
93	93. The ninety-third of the three main types of the	93
94	94. The ninety-fourth of the three main types of the	94
95	95. The ninety-fifth of the three main types of the	95
96	96. The ninety-sixth of the three main types of the	96
97	97. The ninety-seventh of the three main types of the	97

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1. NAME: \_\_\_\_\_

• 877 •

Item	Quantity	Unit Price	Total Price
1. 1000	1000	1.00	1000.00
2. 500	500	2.00	1000.00
3. 250	250	4.00	1000.00
4. 125	125	8.00	1000.00
5. 62.5	62.5	16.00	1000.00
6. 31.25	31.25	32.00	1000.00
7. 15.625	15.625	64.00	1000.00
8. 7.8125	7.8125	128.00	1000.00
9. 3.90625	3.90625	256.00	1000.00
10. 1.953125	1.953125	512.00	1000.00
11. 0.9765625	0.9765625	1024.00	1000.00
12. 0.48828125	0.48828125	2048.00	1000.00
13. 0.244140625	0.244140625	4096.00	1000.00
14. 0.1220703125	0.1220703125	8192.00	1000.00
15. 0.06103515625	0.06103515625	16384.00	1000.00
16. 0.030517578125	0.030517578125	32768.00	1000.00
17. 0.0152587890625	0.0152587890625	65536.00	1000.00
18. 0.00762939453125	0.00762939453125	131072.00	1000.00
19. 0.003814697265625	0.003814697265625	262144.00	1000.00
20. 0.0019073486328125	0.0019073486328125	524288.00	1000.00
21. 0.00095367431640625	0.00095367431640625	1048576.00	1000.00
22. 0.000476837158203125	0.000476837158203125	2097152.00	1000.00
23. 0.0002384185791015625	0.0002384185791015625	4194304.00	1000.00
24. 0.00011920928955078125	0.00011920928955078125	8388608.00	1000.00
25. 0.000059604644775390625	0.000059604644775390625	16777216.00	1000.00
26. 0.0000298023223876953125	0.0000298023223876953125	33554432.00	1000.00
27. 0.00001490116119384765625	0.00001490116119384765625	67108864.00	1000.00
28. 0.000007450580596923828125	0.000007450580596923828125	134217728.00	1000.00
29. 0.0000037252902984619140625	0.0000037252902984619140625	268435456.00	1000.00
30. 0.00000186264514923095703125	0.00000186264514923095703125	536870912.00	1000.00
31. 0.000000931322574615478515625	0.000000931322574615478515625	1073741824.00	1000.00
32. 0.0000004656612873077392578125	0.0000004656612873077392578125	2147483648.00	1000.00
33. 0.00000023283064365386962890625	0.00000023283064365386962890625	4294967296.00	1000.00
34. 0.000000116415321826934814453125	0.000000116415321826934814453125	8589934592.00	1000.00
35. 0.0000000582076609134674072265625	0.0000000582076609134674072265625	17179869184.00	1000.00
36. 0.00000002910383045673370361328125	0.00000002910383045673370361328125	34359738368.00	1000.00
37. 0.000000014551915228366851806640625	0.000000014551915228366851806640625	68719476736.00	1000.00
38. 0.0000000072759576141834259033203125	0.0000000072759576141834259033203125	137438953472.00	1000.00
39. 0.00000000363797880709171295166015625	0.00000000363797880709171295166015625	274877906944.00	1000.00
40. 0.000000001818989403545856475830078125	0.000000001818989403545856475830078125	549755813888.00	1000.00
41. 0.0000000009094947017729282379150390625	0.0000000009094947017729282379150390625	1099511627776.00	1000.00
42. 0.00000000045474735088646411895751953125	0.00000000045474735088646411895751953125	2199023255552.00	1000.00
43. 0.000000000227373675443232059478759765625	0.000000000227373675443232059478759765625	4398046511104.00	1000.00
44. 0.0000000001136868377216160297393798828125	0.0000000001136868		

... ..

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

DOCKET NO. 50-397

UNIT NAME WNP-2

DATE 6/1/89

COMPLETED BY LB HUTCHISON

TELEPHONE (509)377-2486

UNIT SHUTDOWNS / REDUCTIONS

REPORT PERIOD MAY 1989  
month, year

NO.	DATE	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
89-06	4/28/89	S	744	C	4	-	RC	FUELXX	REFUEL OUTAGE CONTINUING

**SUMMARY** WNP-2 REMAINED SHUTDOWN IN MAY FOR SCHEDULED REFUELING OUTAGE.

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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WNP-2

DATE 6/1/89

COMPLETED BY LB HUTCHISON

TELEPHONE (509)377-2486

MONTH MAY 1989

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

1.	<u>0</u>
2.	<u>0</u>
3.	<u>0</u>
4.	<u>0</u>
5.	<u>0</u>
6.	<u>0</u>
7.	<u>0</u>
8.	<u>0</u>
9.	<u>0</u>
10.	<u>0</u>
11.	<u>0</u>
12.	<u>0</u>
13.	<u>0</u>
14.	<u>0</u>
15.	<u>0</u>
16.	<u>0</u>

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

17.	<u>0</u>
18.	<u>0</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>0</u>
30.	<u>0</u>
31.	<u>0</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.

