

50-261

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MONTHLY REPORT

DATE OF DOCUMENT

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TO:
Mr. Ernst VolgenauFROM:
Carolina Power & Light Company
Raleigh, North Carolina
H. R. Banks☒ LETTER
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DESCRIPTION

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ACKNOWLEDGED

PLANT NAME: Robinson Unit No. 2

RJL 7/15/77

ENCLOSURE

Monthly Report for JUNE 1977
Plant & Component Operability & Availability.
This Report to be used in preparing Gray Book
by Plans & Operations.

(3-P)

FOR ACTION/INFORMATION

MIPC W/2 CYS FOR ACTION

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Carolina Power & Light Company

July 11, 1977

FILE: NG-3513 (R)

SERIAL: NG-77-781

Mr. Ernst Volgenau, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



Regulatory



Dear Mr. Volgenau:

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
MONTHLY OPERATIONS REPORT

In accordance with Technical Specification 6.9.1.c for the H. B. Robinson Steam Electric Plant, Unit No. 2, Carolina Power & Light Company herewith submits the report of operating statistics and shutdown experience for the month of June, 1977.

Yours very truly,

H. R. Banks
Manager
Nuclear Generation

WH:mls

Enclosure

cc: Messrs. W. G. McDonald
N. C. Moseley

771960216

APPENDIX B AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23

UNIT H. B. Robinson 2

DATE _____

COMPLETED BY M. L. Watford

TELEPHONE (803) 332-1351

MONTH June

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>657</u>
2	<u>658</u>
3	<u>653</u>
4	<u>654</u>
5	<u>641</u>
6	<u>654</u>
7	<u>653</u>
8	<u>655</u>
9	<u>655</u>
10	<u>659</u>
11	<u>656</u>
12	<u>642</u>
13	<u>651</u>
14	<u>654</u>
15	<u>648</u>
16	<u>645</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>559</u>
18	<u>62</u>
19	<u>526</u>
20	<u>646</u>
21	<u>642</u>
22	<u>639</u>
23	<u>639</u>
24	<u>639</u>
25	<u>642</u>
26	<u>629</u>
27	<u>637</u>
28	<u>635</u>
29	<u>643</u>
30	<u>642</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 less than 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.

APPENDIX D
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. DPR-23

UNIT NAME H. B. Robinson 2

DATE _____

COMPLETED BY M. L. Watford

TELEPHONE (803) 332-1351

REPORT MONTH June

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
1	6/17/77	S	21.0	E	1	<p>(1) Reason</p> <p>A. Equipment Failure (Explain)</p> <p>B. Maint. or Test</p> <p>C. Refueling</p> <p>D. Regulatory Restriction</p> <p>E. Operator Training and License Examination</p> <p>F. Administrative</p> <p>G. Operational Error (Explain)</p> <p>H. Other (Explain)</p> <p>Forced partial outage to repair FW heater tube leaks</p> <p>(2) Method</p> <p>1. Manual</p> <p>2. Manual Scram</p> <p>3. Automatic Scram</p> <p>4. Other (Explain)</p>
2	6/19/77	F	0	B	4	

SUMMARY:

The Unit was on the line for 699.0 hours during the month. The Unit experienced one shutdown for NRC Operator Training: One forced partial outage was experienced for FW heater tube leak repairs.

APPENDIX C OPERATING DATA REPORT

DOCKET NO. DPR-23
UNIT H. B. Robinson Unit 2
DATE _____
COMPLETED BY M. L. Watford
TELEPHONE (803) 332-1351

OPERATING STATUS

0000 2400
1. REPORTING PERIOD: 770401 770630 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2200 MAX. DEPEND. CAPACITY (MWe-Net): 665
DESIGN ELECTRICAL RATING (MWe-Net): 700
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY): None

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR-WAS CRITICAL	<u>710.54</u>	<u>3889.83</u>	<u>43486.18</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>9.46</u>	<u>60.54</u>	<u>395.85</u>
7. HOURS GENERATOR ON LINE	<u>699.00</u>	<u>3795.76</u>	<u>42535.31</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,514,726</u>	<u>8,210,770</u>	<u>88,199,456</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>470,898</u>	<u>2,630,306</u>	<u>28,654,972</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>446,848</u>	<u>2,497,283</u>	<u>27,186,874</u>
12. REACTOR SERVICE FACTOR	<u>98.69</u>	<u>89.57</u>	<u>78.43</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.00</u>	<u>90.96</u>	<u>79.15</u>
14. UNIT SERVICE FACTOR	<u>97.08</u>	<u>87.40</u>	<u>76.72</u>
15. UNIT AVAILABILITY FACTOR	<u>97.08</u>	<u>87.40</u>	<u>76.72</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>93.33</u>	<u>86.47</u>	<u>73.74</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>88.66</u>	<u>82.14</u>	<u>70.05</u>
18. UNIT FORCED OUTAGE RATE	<u>0</u>	<u>11.64</u>	<u>14.73</u>

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
Refueling, March, 1978, 6 weeks

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: on line

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY	<u>-</u>	<u>-</u>
INITIAL ELECTRICITY	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

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