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MONTHLY REPORT

TO: Mr Volgenau

FROM: Carolina Pwr & Light Co
Raleigh, NC
H R BanksDATE OF DOCUMENT
9-8-76

DATE RECEIVED 9-14-76

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DESCRIPTION

LETTER TRANS THE FOLLOWING:

ENCLOSURE

MONTHLY REPORT FOR AUGUST
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

PLANT NAME: Robinson

SAFETY

FOR ACTION/INFORMATION

ENVIRO 9-14-76 ehf

MIFC
W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

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NRC PDR

MCDONALD

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LPDR: Southport, NC
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9359



Carolina Power & Light Company

September 8, 1976

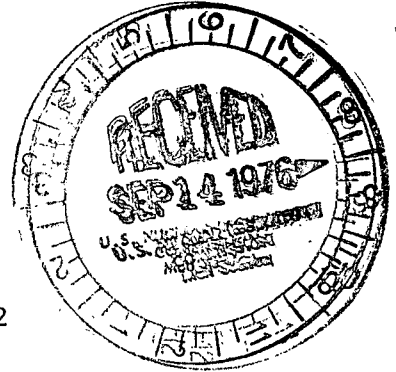
File: NG-3513 (R)

Serial: NG-76-1212

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

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 August, 1976.

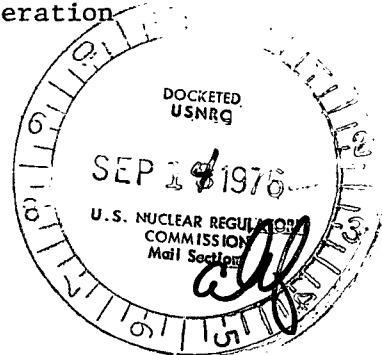
Yours very truly,

H. R. Banks
Manager
Nuclear Generation

CSB:dmc

Enclosures

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



9359

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23
UNIT H. B. Robinson 2
DATE 8-2-76
COMPLETED BY M.L. Watford
TELEPHONE 332-1351
Ext. 142

MONTH August 1976

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>633</u>
2	<u>648</u>
3	<u>654</u>
4	<u>659</u>
5	<u>659</u>
6	<u>634</u>
7	<u>162</u>
8	<u>424</u>
9	<u>658</u>
10	<u>658</u>
11	<u>657</u>
12	<u>657</u>
13	<u>658</u>
14	<u>658</u>
15	<u>642</u>
16	<u>652</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>649</u>
18	<u>652</u>
19	<u>657</u>
20	<u>661</u>
21	<u>665</u>
22	<u>654</u>
23	<u>660</u>
24	<u>659</u>
25	<u>659</u>
26	<u>659</u>
27	<u>659</u>
28	<u>659</u>
29	<u>644</u>
30	<u>656</u>
31	<u>655</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.

APPENDIX C OPERATING DATA REPORT

DOCKET NO. DPR-23
UNIT H.B. Robinson 2
DATE 9-2-76
COMPLETED BY M. L. Watford
TELEPHONE 803-332-1351
Ext. 142

OPERATING STATUS

1. REPORTING PERIOD: 760801,0000/ GROSS HOURS IN REPORTING PERIOD: 744
760831,2400
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2200 MAX. DEPEND. CAPACITY (MWe-Net): 665
DESIGN ELECTRICAL RATING (MWe-Net): 665
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	<u>744</u>	<u>5,648.58</u>	<u>37,666.08</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>83.78</u>	<u>313.27</u>
7. HOURS GENERATOR ON LINE	<u>735.93</u>	<u>5,604.02</u>	<u>36,903.02</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,570,114</u>	<u>12,069,130</u>	<u>76,190,571</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>493,960</u>	<u>3,909,708</u>	<u>24,805,632</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>469,403</u>	<u>3,721,032</u>	<u>23,536,534</u>
12. REACTOR SERVICE FACTOR	<u>100.00</u>	<u>96.47</u>	<u>78.19</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.00</u>	<u>97.91</u>	<u>78.84</u>
14. UNIT SERVICE FACTOR	<u>98.92</u>	<u>95.71</u>	<u>76.61</u>
15. UNIT AVAILABILITY FACTOR	<u>98.92</u>	<u>95.71</u>	<u>76.61</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>94.87</u>	<u>95.57</u>	<u>73.47</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>94.87</u>	<u>95.57</u>	<u>73.47</u>
18. UNIT FORCED OUTAGE RATE	<u>1.08</u>	<u>3.48</u>	<u>15.62</u>

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

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>

APPENDIX D
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. DPR-23

UNIT NAME H.B. Robinson 2

DATE 9-2-76

COMPLETED BY M.L. Watford

TELEPHONE 803-332-1351

REPORT MONTH August 1976

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
	760807	S	8.07	B	NA	<p>(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) Turbine balance shot and LP turbine blade inspection-reactor remained critical Power reduction-accumulated 60 penalty points on constant axial offset control</p> <p>(2) METHOD/program. 1: MANUAL 2: MANUAL SCRAM. 3: AUTOMATIC SCRAM 4: OTHER (EXPLAIN)</p>
	760807	F	0.0	D	NA	

SUMMARY: The unit experienced one shutdown and one power reduction during the month. The reactor was on the line the entire month.