

# OPERATING DATA REPORT

DOCKET NO. DPR-23  
 DATE 801104  
 COMPLETED BY M. Watford  
 TELEPHONE 803-383-4524

## OPERATING STATUS

1. Unit Name: H. B. Robinson Two
2. Reporting Period: 801001,0000/801031,2400
3. Licensed Thermal Power (MWt): 2300
4. Nameplate Rating (Gross MWe): 739
5. Design Electrical Rating (Net MWe): 700
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 665
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
No Change

### Notes

There are presently 146 Spent Fuel Assemblies in the Spent Fuel Pool.

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7320	84,702
12. Number Of Hours Reactor Was Critical	192.23	4499.07	64,706.07
13. Reactor Reserve Shutdown Hours	3.35	223.31	942.51
14. Hours Generator On-Line	151.75	4434.38	63,125.38
15. Unit Reserve Shutdown Hours	0.00	0.00	23.20
16. Gross Thermal Energy Generated (MWH)	177,965	8,385,818	128,936,147
17. Gross Electrical Energy Generated (MWH)	54,576	2,659,591	41,596,104
18. Net Electrical Energy Generated (MWH)	49,858	2,503,955	39,409,057
19. Unit Service Factor	20.37	60.58	74.53
20. Unit Availability Factor	20.37	60.58	74.55
21. Unit Capacity Factor (Using MDC Net)	10.06	51.44	66.96
22. Unit Capacity Factor (Using DER Net)	9.56	48.87	66.47
23. Unit Forced Outage Rate	8.51	18.89	13.55

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

None

25. If Shut Down At End Of Report Period, Estimated Date of Start-up: On Line

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>

8011140 392

(9/77)

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October

DOCKET NO. DPR-23  
 UNIT NAME H. B. Robinson Two  
 DATE 801104  
 COMPLETED BY M. L. Watford  
 TELEPHONE 803-383-4524

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
08-01	800808	S	576.82	B/C	1	-	-	-	Continuation of Maintenance/Refueling Outage reported for August and September
10-01	801025	S	2.32	B	1	-	HA	TURBIN	Shut down to check overspeed trip
10-02	801025	F	3.48	B	1	-	HA	GENERA	Generator grounding strap reconnected
10-03	801025	F	7.20	A	3	-	CH	VALVEX	Steam flow/feedwater flow mismatch and 30% Steam Generator level
10-04	801026	F	3.43	A	3	-	CH	VALVEX	"B" Steam Generator Hi-Hi level - "B" Feedwater Regulator Valve swung open. Valve was stroked and lubricated.

1  
 F: Forced  
 S: Scheduled

2 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

3 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

4 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

5 Exhibit I - Same Source

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23  
 UNIT H. B. Robinson Two  
 DATE 801104  
 COMPLETED BY M. L. Watford  
 TELEPHONE 803-383-4524

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>66</u>
10	<u>0</u>	26	<u>121</u>
11	<u>0</u>	27	<u>173</u>
12	<u>0</u>	28	<u>276</u>
13	<u>0</u>	29	<u>432</u>
14	<u>0</u>	30	<u>455</u>
15	<u>0</u>	31	<u>588</u>
16	<u>0</u>		

## INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)



Carolina Power & Light Company

H. B. ROBINSON STEAM ELECTRIC PLANT  
POST OFFICE BOX 790  
HARTSVILLE, SOUTH CAROLINA 29550

NOV 10 1980

Robinson File No: 2-0-4-a-8

SERIAL: RSEP/80-1794

Mr. Victor Stello, Jr., Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

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

Dear Mr. Stello:

In accordance with Technical Specification 6.9.1.c for the H. B. Robinson Steam Electric Plant, Unit No. 2, Carolina Power and Light Company herewith submits the report of operating statistics and shutdown experience for the month of October, 1980.

Very truly yours,

R. B. Starkey, Jr.  
General Manager  
H. B. Robinson S.E. Plant

MLW/sg

Enclosures

cc: Mr. R. A. Hartfield (2) w/enclosures  
Mr. J. P. O'Reilly (1) w/enclosures

# OPERATING DATA REPORT

DOCKET NO. DPR-23  
 DATE 801104  
 COMPLETED BY M. Watford  
 TELEPHONE 803-383-4524

## OPERATING STATUS

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4. Nameplate Rating (Gross MWe): 739
5. Design Electrical Rating (Net MWe): 700
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 665
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
No Change

### Notes

There are presently 146 Spent Fuel Assemblies in the Spent Fuel Pool.

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7320	84,702
12. Number Of Hours Reactor Was Critical	192.23	4499.07	64,706.07
13. Reactor Reserve Shutdown Hours	3.35	223.31	942.51
14. Hours Generator On-Line	151.75	4434.38	63,125.38
15. Unit Reserve Shutdown Hours	0.00	0.00	23.20
16. Gross Thermal Energy Generated (MWH)	177,965	8,385,818	128,936,147
17. Gross Electrical Energy Generated (MWH)	54,576	2,659,591	41,596,104
18. Net Electrical Energy Generated (MWH)	49,858	2,503,955	39,409,057
19. Unit Service Factor	20.37	60.58	74.53
20. Unit Availability Factor	20.37	60.58	74.55
21. Unit Capacity Factor (Using MDC Net)	10.06	51.44	66.96
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23. Unit Forced Outage Rate	8.51	18.89	13.55

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

None

25. If Shut Down At End Of Report Period, Estimated Date of Startup: On Line

26. Units In Test: Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast

Achieved

—  
 —  
 —

—  
 —  
 —

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October

DOCKET NO. DPR-23  
 UNIT NAME H. B. Robinson Two  
 DATE 801104  
 COMPLETED BY M. L. Watford  
 TELEPHONE 803-383-4524

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
08-01	800808	S	576.82	B/C	1	-	-	-	Continuation of Maintenance/Refueling Outage reported for August and September
10-01	801025	S	2.32	B	1	-	HA	TURBIN	Shut down to check overspeed trip
10-02	801025	F	3.48	B	1	-	HA	GENERA	Generator grounding strap reconnected
10-03	801025	F	7.20	A	3	-	CH	VALVEX	Steam flow/feedwater flow mismatch and 30% Steam Generator level
10-04	801026	F	3.43	A	3	-	CH	VALVEX	"B" Steam Generator Hi-Hi level - "B" Feedwater Regulator Valve swung open. Valve was stroked and lubricated.

1  
F: Forced  
S: Scheduled

2  
Reason:  
A-Equipment Failure (Explain)  
B-Maintenance of Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

3  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

4  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-  
0161)

5  
Exhibit I - Same Source

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23  
 UNIT H. B. Robinson Two  
 DATE 801104  
 COMPLETED BY M. L. Watford  
 TELEPHONE 803-383-4524

MONTH October

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>66</u>
26	<u>121</u>
27	<u>173</u>
28	<u>276</u>
29	<u>432</u>
30	<u>455</u>
31	<u>588</u>

## INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)



Carolina Power & Light Company

H. B. ROBINSON STEAM ELECTRIC PLANT  
POST OFFICE BOX 790  
HARTSVILLE, SOUTH CAROLINA 29550

NOV 10 1980

RECEIVED DISTRIBUTION  
SERVICES UNIT  
1980 NOV 14 AM 8 16  
NRC  
REGISTRATION SERVICES

Robinson File No: 2-0-4-a-8

SERIAL: RSEP/80-1794

Mr. Victor Stello, Jr., Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

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

Dear Mr. Stello:

In accordance with Technical Specification 6.9.1.c for the H. B. Robinson Steam Electric Plant, Unit No. 2, Carolina Power and Light Company herewith submits the report of operating statistics and shutdown experience for the month of October, 1980.

Very truly yours,

R. B. Starkey, Jr.  
General Manager  
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MLW/sg

Enclosures

cc: Mr. R. A. Hartfield (2) w/enclosures  
Mr. J. P. O'Reilly (1) w/enclosures

A008  
S 1/1



# OPERATING DATA REPORT

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 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
-	-
-	-
-	-

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October

DOCKET NO. DPR-23  
 UNIT NAME H. B. Robinson Two  
 DATE 801104  
 COMPLETED BY M. L. Watford  
 TELEPHONE 803-383-4524

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
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Reason:  
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B-Maintenance or Test  
C-Refueling  
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E-Operator Training & License Examination  
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G-Operational Error (Explain)  
H-Other (Explain)

Method:  
1-Manual  
2-Manual Scram.  
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4-Other (Explain)

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for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-  
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Exhibit I - Same Source

(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23  
 UNIT H. B. Robinson Two  
 DATE 801104  
 COMPLETED BY M. L. Watford  
 TELEPHONE 803-383-4524

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	66
26	121
27	173
28	276
29	432
30	455
31	588

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