

## OPERATING DATA REPORT

DOCKET NO. 50-366

DATE 07-10-81

COMPLETED BY DENVER ATWOOD

TELEPHONE (912) 367-7781 x 203

## OPERATING STATUS

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\* Notes

Unit Name: E. I. Hatch Nuclear Plant Unit 2

Reporting Period: 06-81

Licensed Thermal Power (Mwt): 2436

Nameplate Rating (Gross MWe): 817.0

Design Electrical Rating (Net MWe): 784.0

Maximum Dependable Capacity (Gross MWe): 805.7

Maximum Dependable Capacity (Net MWe): 772.7

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

9. Power Level To Which Restricted, If Any (Net MWe):

10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	4343	15960
12. Number Of Hours Reactor Was Critical	720.0	2895.0	11128.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	715.8	2761.3	10449.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1578924	5976935	23074833
17. Gross Electrical Energy Generated (MWH)	496780	1924050	7591330
18. Net Electrical Energy Generated (MWH)	474358	1829589	7231703
19. Unit Service Factor	99.4	63.6	65.5
20. Unit Availability Factor	99.4	63.6	65.5
21. Unit Capacity Factor (Using MDC Net)	85.3	54.5	58.6
22. Unit Capacity Factor (Using DER Net)	84.0	53.7	57.8
23. Unit Forced Outage Rate	0.6	12.1	11.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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

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

Forecast

Achieved

 INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

(9/77)

 R 8107200191 810710  
 PDR ADDCK 05000366  
 PDR

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 59-366

DATE 07-10-81

COMPLETED BY DENVER ATWOOD

TELEPHONE (912) 367-7781 x 203

MONTH 06-81

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	738	17	672
2	734	18	675
3	734	19	676
4	731	20	674
5	727	21	449
6	726	22	662
7	730	23	657
8	731	24	676
9	638	25	673
10	439	26	665
11	545	27	493
12	602	28	679
13	633	29	687
14	688	30	683
15	673	31	
16	672		

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-366

UNIT NAME Hatch 2

DATE 7-10-81

COMPLETED BY D. G. Atwood

TELEPHONE 912-367-7851

REPORT MONTH June '81

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
81-48	810609	F	6.5	A	5	NA	HC	HTEXCH	Load reduction due to loss of condenser vacuum and flooded SJAEs
81-49	810610	F	4.2	A	1	NA	HC	HTEXCH	Off line to stabilize condenser vacuum
81-50	810610	F	38.4	A	5	NA	HC	HTEXCH	Recovery from #81-49
81-51	810613	S	6.3	B	5	NA	HA	TURBIN	Load reduction to perform weekly turbine test
81-52	810620	F	20.43	A	5	NA	HF	HTEXCH	Load reduction to allow inspection of circulating water boxes
81-53	810626	S	1.3	B	5	NA	HA	TURBIN	Load reduction to perform weekly turbine test
81-54	810626	S	21.8	B	5	NA	ZZ	CONROD	Load reduction for rod sequence exchange

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Continuations  
5-Load Reduction  
9-Other (Explain)

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

<sup>5</sup>  
Exhibit I - Same Source

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NARRATIVE REPORT  
UNIT 2

June 1st	Load reduced due to minor steam leaks and feedwater heater problems
June 6th	Load reduced at 0025 to perform weekly turbine test; also reduced due to minor steam leaks and feedwater heater problems
June 9th	Reduced load at 0948 due to loss of vacuum due to flooded SJAE. Load also reduced due to minor steam leaks and feedwater heater problems
June 10th	1155 unit off line to stabilize condenser vacuum; 1605 unit on line but load still reduced due some to minor steam leaks and feedwater heater problems
June 11th	Load reduced due to vacuum problems, minor steam leaks and feedwater heater problems
June 13th	At 0026 load reduced to perform weekly turbine test; 0305 increasing load from weekly turbine test, but still operating at reduced load due to cond. vac. problems and feedwater heater problems
June 14th	At 0839 load was reduced to lower cond temp to prevent vacuum loss; feedwater heater problems still occurring
June 20th	At 2317 load was reduced to inspect circ water boxes; feedwater heater problems and vacuum problems still occurring
June 21st	At 0035 stopped decreasing load to perform daily turbine test; 0045 resumed decreasing load at 0245 stopped decreasing load; 1400 started increasing load but feedwater heater and vacuum problems still occurring
June 22nd	At 0830 load reduced per SCS request
June 23rd	1000 decreasing load to help alleviate vacuum problems resulting from increased ambient temp; 1910 increasing load; feedwater heater problems still occurring
June 26th	At 2110 load reduced in order to perform weekly turbine test; 2235 load reduced for rod sequence exchange; feedwater heater and vacuum problems still occurring

HATCH 2 SAFETY-RELATED MAINTENANCE REQUESTS  
TO BE REPORTED FOR JUNE 1981

No MRs were closed out for Unit 2 during the month of June.