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Edwin I. Hatch Nuclear Plant



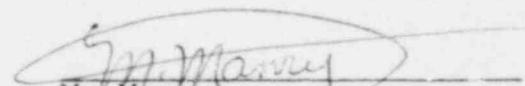
September 10, 1981  
PM-81-785

PLANT E. I. HATCH  
NRC Monthly Operating Report

Director  
Office of Inspection and Enforcement  
United States Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Sir:

Per Tech Specs section 6.9.1.6 please find attached the NRC  
Monthly Operating Report for Hatch Unit 2, Docket #50-366.

  
M. Manry  
Plant Manager

CLC/pehc



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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
81-2076	4-11-81	Replace existing control solenoid valve on Main Steam Isolation valve "C"
80-2622	7-29-81	Replace pipe supports and hangers per DCR 79-190 on Condensate Transfer Pumps
81-2240	7-14-81	Incorporate orifice changes in Standby PSW Pump piping
81-2797	7-30-81	Install relay and annunciator for RCIC Turbine Steam Inlet MOV
81-2727	7-27-81	Remove four temporary cables from misc. power panel at intake structure
81-0932	8-03-81	Repair gouge in 30" diameter SW line (2P41)
81-3324	8-24-81	Install resistor in MCC 2R24-S022 for RHR discharge valve to radwaste

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-366  
 UNIT NAME Hatch 2  
 DATE 9-10-81  
 COMPLETED BY C. M. Curtis  
 TELEPHONE 912-367-7851

REPORT MONTH August

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
81-59	810815	S	10.1	B	5	NA	HA	TURBIN	Load Reduction to perform weekly turbine test
81-60	810821	S	4.1	B	5	NA	HA	TURBIN	Load Reduction to perform weekly turbine test
81-61	810822	S	43.3	B	5	NA	RB	CONRCD	Load Reduction to perform Rod Sequence Exchange
81-62	810825	F	35.0	B	5	NA	HC	XXXXX	Load Reduction to inspect for condensor tube leaks
81-63	810828	S	34.0	B	5	NA	HA	TURBIN	Load Reduction to perform weekly turbine test

<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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## REFUELING INFORMATION FOR HATCH UNIT 2

Hatch Unit 2 is scheduled to shutdown on 1-2-82, for its next refueling outage. Startup from that outage is scheduled for 4-05-82.

Description of operation after refueling will require a Technical Specification change concerning core thermal hydraulic limits.

No particular date for submitting proposed licensing action and supporting information has been named. However, the latest date for submittal will be 1-05-82.

There are 560 fuel assemblies in the core and 724 presently in the spent fuel storage pool.

The present licensed spent fuel pool storage capacity is 2753 fuel assemblies. No requests for an increase in licensed storage capacity are anticipated in the near future.

The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity is 1996.

OPERATING DATA REPORT

DOCKET NO. 50-366

DATE 09-10-81

COMPLETED BY CHRIS CURTIS

TELEPHONE (912) 344-181 x 203

OPERATING STATUS

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 \* Notes \*  
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1. Unit Name: E I Hatch Nuclear Plant Unit 2
2. Reporting Period: 08-81
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 817.0
5. Design Electrical Rating (Net MWe): 784.0
6. Maximum Dependable Capacity (Gross MWe): 803.9
7. Maximum Dependable Capacity (Net MWe): 770.9
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	744	5831	17448
12. Number Of Hours Reactor Was Critical	744.0	4383.0	12616.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	4249.3	11937.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1522176	9074983	26172881
17. Gross Electrical Energy Generated (MWH)	476550	2892410	8559690
18. Net Electrical Energy Generated (MWH)	453933	2752278	8154392
19. Unit Service Factor	100.0	72.9	68.4
20. Unit Availability Factor	100.0	72.9	68.4
21. Unit Capacity Factor (Using MDC Net)	79.1	61.2	60.6
22. Unit Capacity Factor (Using DER Net)	77.8	60.2	59.6
23. Unit Forced Outage Rate	0.0	8.2	10.6
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	-----	-----

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-366  
DATE 09-10-81  
COMPLETED BY CHRIS CURTIS  
TELEPHONE (912) 367-7781 X 203

MONTH 08-81

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	639	17	644
2	641	18	649
3	639	19	649
4	637	20	651
5	635	21	634
6	633	22	396
7	631	23	602
8	633	24	637
9	635	25	437
10	634	26	592
11	635	27	635
12	636	28	600
13	635	29	402
14	634	30	632
15	612	31	638
16	609		

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