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Edwin I. Hatch Nuclear Plant



August 10, 1981
PM-81-678

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/pebc

IE245
1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-386
 DATE 08-10-81
 COMPLETED BY DENVER C. ATWOOD
 TELEPHONE (912) 367-7781 x 243

MONTH 07

DAY	WEEK	DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1	679	17	618
2	1	687	18	611
3	1	673	19	618
4	1	647	20	616
5	1	648	21	612
6	1	647	22	633
7	1	645	23	635
8	1	648	24	635
9	1	641	25	638
10	1	642	26	641
11	1	642	27	
12	1	626	28	
13	1	607	29	
14	1	631	30	
15	1		31	
16	1			

(9/77)

7-14
 8108170393

OPERATING DATA REPORT

DOCKET NO. 50-366
DATE 02-10-81
COMPLETED BY DENVER G. ATMWOOD
TELEPHONE (912) 367-7781 x 203

OPERATING STATUS

- *****
* Notes *Line 8 (Net MDC) has been changed*
* *to 770.9*

- 1 Unit Name: E 1 Hatch Nuclear Plant Unit 2
 - 2 Reporting Period: 07-81
 - 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): 805.7
 - 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	5087	16764
12 Number Of Hours Reactor Was Critical	744.0	3639.0	11872.0
13 Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14 Hours Generator On-Line	744.0	3505.3	11193.7
15 Unit Reserve Shutdown Hours	0.0	0.0	0.0
16 Gross Thermal Energy Generated (MMH)	1575872	7552807	21650705
17 Gross Electrical Energy Generated (MMH)	491810	2413860	1083140
18 Net Electrical Energy Generated (MMH)	468756	2298345	770
19 Unit Service Factor	100.0	68.9	0
20 Unit Availability Factor	100.0	68.9	67.8
21 Unit Capacity Factor (Using MDC Net)	81.7	58.6	59.8
22 Unit Capacity Factor (Using DER Net)	80.4	57.6	58.8
23 Unit Forced Outage Rate	0.0	9.8	11.2
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

0977

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July
 DOCKET NO. 50-366
 UNIT NAME Hatch 2
 DATE 8-10-81
 COMPLETED BY D. G. A. Jones
 TELEPHONE 912-367-7851

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
81-55	810703	S	20.2	B	5	NA	RB	CONROD	Load reduction to perform rod pattern adjustment.
81-56	810714	S	4.8	B	5	NA	HF	FILTER	Load reduction to clean circ water screens
81-57	810717	S	24.1	B	5	NA	HA	TURBIN	Load reduction to perform turbine tests
81-58	810724	S	8.2	B	5	NA	HA	TURBIN	Load reduction to perform weekly turbine test.

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-Continuations
5-Load Reduction
9-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

NAK RATIVE REPORT
UNIT 2

July 3rd	Power reduction to perform rod pattern adjustment at 1748
July 14th	Power reduction to clean circ water screens at 2311
July 17th	Load reduction to perform turbine tests at 2155
July 24th	2150 weekly turbine test

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

NUMBER	DATE COMPLETED	DESCRIPTION
81-0382	7-29-81	Removed bellows expansion joint on condensate transfer pump B suction piping and replaced with flanged spool piece.
80-5086	7-07-81	Routed conduit, pull and terminate cable in Rx/RW Bldg. fire protection system
80-4518	5-22-81	Routed 1/2" piping from sprinkler valve for mechanical air supervision of sprinkler system in HVAC room
80-5168	5-13-81	Re-welded seal plate on discharge piping sleeve of condensate transfer pump "A" for line from transfer pump to Rx. Bldg.
81-2439	6-30-81	"C" PSW pump flow and pressure were below acceptable levels. Investigated and repaired
81-0082	5-21-81	Performed radiography on drywell penetrations X-8, X-16A, X-17 and X-42
80-4794	3-10-81	Route conduit and pull cable for RP5 vertical cableway sprinkler system. 2Z43-N059
81-0911	3-27-81	Installed airtight seals in Rx/RW Bldg. chilled water system conduit penetration
81-1457	4-29-81	Installed conduit (2MB1626) for Rx/RW Bldg. chiller system
81-2512	7-09-81	Fabricated a level orifice for stand-by diesel service water restriction orifice. (2P41-D329)
81-0142	7-02-81	Removed insulation on PSW/RHRSW intake piping to implement DCR 81-6

80-4516	4-14-81	Installed air line for mechanical air supervision of sprinkler system in Cable Spreadway Room
81-2452	5-27-81	Rework wiring in panels 2B21-N006A,B,C,D and 2B21-N009A,B,C,D using type NSIS wiring
81-2375	5-27-81	Installed flanges, gaskets, and flow element in piping upstream of restriction orifice D330 (2P41-N390)
80-1974	5-28-81	Removed the west fuel prep machine from the north wall of the spent fuel pool
81-1510	5-07-81	Repaired main steam line inboard isolation valve (2B21-F022A)
81-0015	3-10-81	Terminate circuits for multimate valve for U-2 cablesread fire protection