

OPERATING DATA REPORT

COCKET NO. 50-366

DATE 11-10-81

COMPLETED BY CHRIS H. DORTS

TELEPHONE (912) 567-7781 X 203

OPERATING STATUS

Notes

1 Unit Name: E. I. Hatch Nuclear Plant Unit 2
 2 Reporting Period: 10-81
 3 Licensed Thermal Power (MW): 2436
 4 Net Electric Rating (Gross MW): 2176
 5 Net Electric Rating (Net MW): 783.0
 6 Net Electric Rating (Net MW): 803.9
 7 Net Electric Rating (Net MW): 770.9
 8 Net Electric Rating (Net MW): 770.9
 9 If Changes Occur in Capacity Ratings (Item Number 3 Through 7) Since Last Report, Give Reasons:

10 Power Level To Which Restricted If Any (Net MW):
 11 Reasons For Restrictions, If Any:

This Month

11-10-81

Comparative

12 Hours In Reporting Period	74	74	101.2
13 Number Of Hours Reactor Was Critical	725.0	666.9	139.9
14 Reactor Reserve Shutdown Hours	0.0	0.0	0.0
15 Hours Generator On-Line	711.2	666.9	144.3
16 Hours Generator Shutdown Hours	0.0	0.0	0.0
17 Gross Thermal Energy Generated (MMBtu)	1526403	1170312	2892216
18 Gross Electrical Energy Generated (MMBtu)	303360	337000	940160
19 Net Electrical Energy Generated (MMBtu)	40812	324403	987027
20 Unit Service Factor	99.6	75.5	99.0
21 Unit Availability Factor	95.0	75.5	93.0
22 Unit Capacity Factor (Using MOC Net)	83.8	67.2	61.4
23 Unit Capacity Factor (Using Net Net)	82.4	66.2	60.4
24 Unit Forced Outage Rate	0.5	0.2	10.3
25 Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

26 If Shut Down At End Of Report Period, Estimated Date of Startup:
 27 Units In Test Status (Prior to Commercial Operation):

Forecast

Received

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

(9/77)

8111170266 8111110
 PDR ADDCK 05000366
 R PDR

AVERAGE DAILY UNIT POWER LEVEL

POCKET NO. 50-366

DATE 11-10-61

COLLECTED BY CHRIS H. CORTIS

TELEPHONE (912) 267-7781 x 215

MONTH 10-61

DAY AVERAGE DAILY POWER LEVEL (HMA-Net) DAY AVERAGE DAILY POWER LEVEL (HMA-Net)

66.1	1.0	7.7
65.1	1.0	6.4
64.1	1.0	7.4
63.1	1.0	7.4
62.1	1.0	7.3
61.1	1.0	7.3
60.1	1.0	7.4
59.1	1.0	7.4
58.1	1.0	7.4
57.1	1.0	7.4
56.1	1.0	7.4
55.1	1.0	7.4
54.1	1.0	7.4
53.1	1.0	7.4
52.1	1.0	7.4
51.1	1.0	7.4
50.1	1.0	7.4
49.1	1.0	7.4
48.1	1.0	7.4
47.1	1.0	7.4
46.1	1.0	7.4
45.1	1.0	7.4
44.1	1.0	7.4
43.1	1.0	7.4
42.1	1.0	7.4
41.1	1.0	7.4
40.1	1.0	7.4
39.1	1.0	7.4
38.1	1.0	7.4
37.1	1.0	7.4
36.1	1.0	7.4
35.1	1.0	7.4
34.1	1.0	7.4
33.1	1.0	7.4
32.1	1.0	7.4
31.1	1.0	7.4
30.1	1.0	7.4
29.1	1.0	7.4
28.1	1.0	7.4
27.1	1.0	7.4
26.1	1.0	7.4
25.1	1.0	7.4
24.1	1.0	7.4
23.1	1.0	7.4
22.1	1.0	7.4
21.1	1.0	7.4
20.1	1.0	7.4
19.1	1.0	7.4
18.1	1.0	7.4
17.1	1.0	7.4
16.1	1.0	7.4
15.1	1.0	7.4
14.1	1.0	7.4
13.1	1.0	7.4
12.1	1.0	7.4
11.1	1.0	7.4
10.1	1.0	7.4
9.1	1.0	7.4
8.1	1.0	7.4
7.1	1.0	7.4
6.1	1.0	7.4
5.1	1.0	7.4
4.1	1.0	7.4
3.1	1.0	7.4
2.1	1.0	7.4
1.1	1.0	7.4

(9/7/73)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October

DOCKET NO. 50-366
 UNIT NAME Hatch 2
 DATE 11-10-81
 COMPLETED BY Chris Curtis
 TELEPHONE 367-7851 Ext. 203

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
81-73	10-1-81	F	24:09	A	3	NA	CD	VALVEX	Rx scram due to MSIV fast closure
81-74	10-2-81	F	29:39	A	5	NA	CD	VALVEX	Startup from scram
81-75	10-4-81	F	15:45	A	5	NA	CC	XXXXXX	Load reduction to investigate possible steam leaks
81-76	10-5-81	F	9:41	A	3	NA	HB	HTEXCH	Rx scram on MSR high level trip
81-77	10-5-81	F	27:54	A	5	NA	HE	HTEXCH	Startup from sc am
81-78	10-10-81	F	22:00	B	5	NA	RB	CONROD	Rod pattern adjustment
81-79	10-17-81	F	47:00	B	5	NA	RB	CONROD	Rod sequence exchange
81-80	10-23-81	F	17:00	B	5	NA	RB	CONROD	Rod pattern adjustment
81-81	10-29-81	F	5:00	A	5	NA	WC	DEMINX	Condenson demineralizer

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

(9/77)

NARRATIVE REPORT
UNIT 2

October 1st	Rx auto scram due to MSIV fast closure
October 2nd	Rx critical at 12:33, tied to line at 21:21
October 4th	Reducing power at 18:40 to investigate possible steam leaks
October 5th	Rx auto scram on MSR hi-level trip at 10:25
October 5th	Rx critical at 15:05, tied to line at 20:06
October 10th	Reduced load for rod pattern adjustment at 21:00
October 17th	Reduced load for rod sequence exchange at 01:30
October 23rd	Reduced load for rod pattern adjustment at 22:00
October 29th	Reduced load due to inop condensate demin at 00:00

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
81-3641	9-24-81	Install motor on MSIV leakage control valve
80-2828	9-25-81	Repair HPCI pump discharge valve
81-3327	9-29-81	RCIC lubeoil cooling wtr. valve. Install 2500 ohm. 50 watt field discharge resistor in MCC 2R24-S021 on terminal block F1 & S2
81-3328	9-29-81	RCIC steam supply valve install 3000 ohm 50 watt field discharge resistor in MCC 2R24-S021 on terminal block F1 & S2
81-3329	9-29-81	RCIC torus suction valve. Install 3000 ohm 50 watt field discharge resistor in MCC 2R24-S021 on terminal block of F1 & S2
81-3330	9-29-81	RCIC torus suction valve. Install 3000 ohm 50 watt field discharge resistor in MCC 2R24-S021 on terminal block F1 & S2
81-3331	9-29-81	RCIC test line valve to CST. Install 3000 ohm 50 watt field discharge resistor in MCC 2R24-S021 on terminal block il & S2
81-3332	9-29-81	RCIC min. flow valve. Install 3000 ohm 50 watt field discharge resistor in MCC 2R24-S021 on terminal block F1 & S2
81-3334	9-29-81	RCIC pump discharge valve. Install 2500 ohm 50 watt field discharge resistor in MCC 2R24-S021 on terminal block F1 & S2
81-3335	9-29-81	RCIC CST suction valve install 3000 ohm 50 watt field discharge resistor in MCC 2R24-S021 on terminal block F1 & S2

81-3336	9-29-81	RCIC outboard STM 150L valve. Install 2500 ohm 50 watt field discharge resistor in MCC 2R24-S021 on terminal block F1 & S2
81-3337	9-29-81	RCIC turbine trip and throttle valve. Install 3000 ohm 50 watt field discharge resistor in MCC 2R24-S021 on terminal block F1 & S2
81-3924	10-21-81	Replace torus atmosphere differential pressure switch