

OPERATING DATA REPORT

DOCKET NO. 59-306

DATE 10-10-81

COMPLETED BY CHRIS CURTIS

TELEPHONE (912) 367-7781 x 203

OPERATING STATUS

* Notes *

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

2. Reporting Period: 09-81

3. Licensed Thermal Power (MMt): 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

720

6551

18168

12. Number Of Hours Reactor Was Critical

577.6

4960.6

13194.3

13. Reactor Reserve Shutdown Hours

0.0

0.0

0.0

14. Hours Generator On-Line

548.1

4797.4

12485.8

15. Unit Reserve Shutdown Hours

0.0

0.0

0.0

16. Gross Thermal Energy Generated (MMBtu)

1127232

10202215

27300113

17. Gross Electrical Energy Generated (MMWh)

341830

3234240

8901520

18. Net Electrical Energy Generated (MMWh)

322122

3074400

8476514

19. Unit Service Factor

76.1

73.2

68.2

20. Unit Availability Factor

76.1

73.2

68.2

21. Unit Capacity Factor (Using MDC Net)

59.0

60.9

60.5

22. Unit Capacity Factor (Using DER Net)

57.1

59.9

59.5

23. Unit Forced Outage Rate

12.3

8.7

10.7

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 10-10-81
 COMPLETED BY CHRIS CURTIS
 TELEPHONE (912) 362-7781 x 203

MONTH 09-81

DAY	AVERAGE DAILY POWER LEVEL (Mue-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mue-Net)
1	638	17	617
2	427	18	512
3	128	19	-15
4	508	20	-13
5	603	21	-11
6	599	22	10
7	544	23	467
8	639	24	389
9	267	25	420
10	-23	26	691
11	6	27	730
12	434	28	736
13	596	29	755
14	615	30	747
15	614	31	
16	611		

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September
 DOCKET NO. 50-366
 UNIT NAME FRUCH 2
 DATE 10-6-81
 COMPLETED BY C. M. Curtis
 TELEPHONE 912-367-7351

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
81-64	810902	F	20.0	A	3	NA	HA	TURBIN	Scram due to Turb. trip on low vacuum.
81-65	810903	F	56.0	A	5	NA	HA	TURBIN	Scram recovery
81-66	810905	F	7.0	B	5	NA	HA	TURBIN	Load reduction for weekly turbin test.
81-67	310909	F	57.5	A	3	NA	CD	VALVES	Scram due to MSIV closure
81-68	810911	F	49.0	A	5	NA	CD	VALVES	Scram recovery
81-69	810918	S	95.3	A	2	NA	CH	XXXXX	Manual scram for FWH repair
81-70	810922	F	25.5	A	5	NA	CH	XXXXX	Scram recovery
81-71	810923	F	10.0	A	5	NA	CH	XXXXX	FWH repair
81-72	810924	F	12.5	A	5	NA	XX	VALVEX	Repair on 7th stg. extraction valve

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

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NARRATIVE REPORT
UNIT 2

September 2nd Rx scram at 17:09 on TCV fast closure
September 3rd Rx critical at 06:21, on line at 13:11
September 5th Load reduced at 23:18 for a weekly turbine test
September 9th Rx scram at 10:24 on MSIV closure
September 11th Rx critical at 11:38, on line at 19:03
September 18th Manual scram at 20:11 to repair feedwater
heaters
September 22nd Rx critical at 04:12, on line at 19:24
September 23rd Reducing load to repair feedwater heaters
September 24th Reducing load to repair 7th stage extraction
valve

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
81-3326	8-27-81	Install 2500 ohm, 50 watt field discharge resistor in MCC-2R24-S022 comp. 1A on terminal block F1 & S2 per DCR 80-17
78-2004	8-24-81	Replace burned up motor rated at 150 Ft. lbs. torque with a motor rated at 80Ft. lbs. torque
81-3338	9-03-81	Install 2500 ohm 50 watt field discharge resistor in MCC-2R24-S022 on terminal block F1 & S2 per DCR 80-17
81-3341	9-03-81	Install 3000 ohm 50 watt field discharge resistor in MCC-2R24-S022 on terminal block F1 & S2 per DCR 80-17
81-3342	9-03-81	Install 3000 ohm 50 watt field discharge resistor in MCC-2R24-S022 on terminal block F1 & S2 per DCR 80-17
81-3344	9-03-81	Install 3000 ohm 50 watt field discharge resistor in MCC-2R24-S022 comp. 2B on terminal block F1 & S2 per DCR 80-17
81-3489	9-10-81	In 2R24-S022, remove 2A relay and make wire modifications per DCR 80-31 revl. check RPM's and rotation of motor, and current white aux. oil pump runs.
81-3546	9-18-81	Disconnect potentiometer leads from EGM and install a 200 ohm fixed resistor per DCR 81-54
79-3636	7-07-81	Implement DCR 78-27 as per attached sheets coordinate work with operations as per attached sequence chart
80-4312	8-81-81	Back-fill ditch for pump enclosure and hanger pads for crosstile replace asphalt as necessary