

OPERATING DATA REPORT

DOCKET NO. 50-321

DATE 05-10-82

COMPLETED BY TONY GILBRETH

TELEPHONE (912) 367-7781 x 203

OPERATING STATUS

* Notes *

1. Unit Name: E. I. Hatch Nuclear Plant Unit 1 *
2. Reporting Period: 04-82 *
3. Licensed Thermal Power (MWe): 2436 *
4. Nameplate Rating (Gross MWe): 809.3 *
5. Design Electrical Rating (Net MWe): 777.3 *
6. Maximum Dependable Capacity (Gross MWe): 801.2 *
7. Maximum Dependable Capacity (Net MWe): 761.7 *
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
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11. Hours In Reporting Period	720	2880	55488
12. Number Of Hours Reactor Was Critical	571.4	1881.3	40272.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	571.4	1788.9	37623.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1339516	3992355	78769807
17. Gross Electrical Energy Generated (MWH)	438620	1297100	25520830
18. Net Electrical Energy Generated (MWH)	418369	1233429	24242197
19. Unit Service Factor	79.4	62.1	67.8
20. Unit Availability Factor	79.4	62.1	67.8
21. Unit Capacity Factor (Using MDC Net)	76.3	56.2	57.4
22. Unit Capacity Factor (Using DER Net)	74.8	55.1	56.2
23. Unit Forced Outage Rate	20.6	9.1	18.9
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)

 8205130189 820504
 PDR ADOCK 05000321
 PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-321
 DATE 05-10-82
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 TELEPHONE (912) 367-7781 x 203

MONTH 04-82

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	696	17	747
2	700	18	752
3	612	19	751
4	727	20	749
5	751	21	749
6	737	22	753
7	758	23	756
8	755	24	508
9	754	25	-16
10	746	26	-14
11	756	27	-14
12	757	28	-14
13	752	29	-11
14	753	30	-8
15	750	31	
16	741		

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April

DOCKET NO. 50-321
 UNIT NAME Hatch 1
 DATE 5-4-82
 COMPLETED BY R. A. Gilbreth
 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
82-20	820401	F	7	A	4	NA	HH	HTEXCH	Condenser tube leak
82-21	820402	S	38.5	B	5	NA	XX	XXXXXX	Rod pattern adjustment
82-22	820406	S	7	B	5	NA	HA	TURBIN	Daily turbine testing
82-23	820409	S	7.5	B	5	NA	HA	TURBIN	Daily turbine testing
82-24	820416	S	6.6	B	5	NA	HA	TURBIN	Daily turbine testing
82-25	820424	S	5.5	B	5	NA	HA	TURBIN	Daily turbine testing
82-26	820424	F	154.5	A	2	1-82-28	CG	DEMINX	High conductivity; resin intrusion in reactor cavity

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)

HATCH 1 SAFETY-RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR April 1982

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
82-1981	04-16-82	Replace Taylor instrument multi-point recorder
82-348	04-15-82	Paint core spary line shielding
81-3313	03-02-82	Install pipe & supports from valves N21-F469 & N21-F470
81-5454	01-04-82	Install 4" hose cabinet standpipe

NARRATIVE REPORT
UNIT 1

April 1st	Reduced load to check for condenser tube leaks.
April 3-4	Reduced load to adjust rod pattern @ 22:30.
April 6th	Reduced load to perform daily turbine testing @ 00:20.
April 9-10	Reduced load to perform turbine testing @ 22:30.
April 16-17	Reduced load to perform turbine testing @ 21:30.
April 24th	Reduced load to perform turbine testing @ 00:30.
April 24th	Manually scrammed reactor due to high conductivity caused by resin intrusion in reactor vessel.