

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April

DOCKET NO. 50-321  
 UNIT NAME Hatch 1  
 DATE 5-4-83  
 COMPLETED BY F. J. Redwanz  
 TELEPHONE 912-367-7851

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
83-23	830401	S	16	H	NA	NA	RC	CONROD	Rod Pattern Adjustment.
83-24	830423	S	36	H	NA	NA	RC	CONROD	Rod Sequence Exchange.
83-25	830429	S	23	H	NA	NA	RC	CONROD	Rod Pattern Adjustment.

<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

(9/77)

8305180284 830506  
 PDR ADOCK 05000321  
 R PDR

AVERAGE DAILY LOAD TO PEAK LEVEL

SECRET NO. 50-321

DATE 05-10-83

COMPLETED BY TEL. ROOM  
TELEPHONE CODE 1003

MONTH 04-83

DAY	AVERAGE DAILY LOAD	PEAK LEVEL	DE	PEAK TO DAILY POWER LEVEL
(HOUR-Net)				
1	683		1	774
2	663		1	773
3	763		1	776
4	769		20	771
5	766		21	775
6	762		22	768
7	763		23	423
8	764		24	593
9	747		25	726
10	770		26	762
11	768		27	754
12	771		28	752
13	766		29	743
14	765		30	537
15	764		31	
16	767			

OPERATING DATA REPORT

DOCKET NO. 50-366  
DATE 12-10-83  
COMPLETED BY FREDERICK J. REDMAN  
TELEPHONE (912) 367-7791 X 203

OPERATING STATUS

- 1. Unit Name: E. I. Hatch Nuclear Plant Unit 2
- 2. Reporting Period: 04-83
- 3. Licensed Thermal Power Output: 2436
- 4. Nameplate Rating: Gross: 3170
- 5. Design Electrical Rating: Net: 2440
- 6. Maximum Dependable Capacity: Gross: 3170
- 7. Maximum Dependable Capacity: Net: 2440
- 8. If changes occur in capacity ratings, attach Number 2 Through 7. Since last report, give reasons:

Power level is not restricted by any net meter reasons for past status, if any.

	This Month	Y-to-Date	Cumulative
1. Hours in Reporting Period	720	2880	32017
2. Number of Units Section Was Online	82.6	242.6	23393.7
3. Hours of Capacity Available	0.0	0.0	0.0
4. Hours Generator Life	81.8	241.8	22286.9
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Gross Thermal Energy Generated (MWh)	120309	4990580	47696263
7. Gross Electrical Energy Generated (MWh)	42120	1327210	15673680
8. Net Electrical Energy Generated (MWh)	36211	1221257	14019585
9. Unit Average Factor	11.4	7.8	70.0
10. Unit Availability Factor	11.4	7.3	70.0
11. Unit Capacity Factor (1/2 of Max)	6.6	59.7	60.2
12. Unit Capacity Factor (1/2 of Net)	6.6	59.0	57.4
13. Unit Forced Outage Rate	0.0	0.0	11.4
14. 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 Operations):

Forecast	Achieved
INITIAL CRITICALITY	
INITIAL ELECTRICITY	
COMMERCIAL OPERATION	
	(9/77)

AVERAGE DAILY UNIT POWER LEVEL

UNIT NO. 200756  
COMPLETED BY FREDERICK W. SALAMON  
TELEPHONE (404) 367-2781 X. 203

MONTH 04-83

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	350	17	-4
2	514	18	-4
3	420	19	-4
4	16	20	-3
5	-12	21	-4
6	-5	22	-4
7	-6	23	-4
8	-6	24	-3
9	-6	25	-3
10	-6	26	-3
11	-6	27	-3
12	-6	28	-3
13	-6	29	-3
14	-5	30	-4
15	-3		
16	-4		



NARRATIVE REPORT  
UNIT 1

April 1st	2137 decreasing load to perform rod pattern adjustment.
April 2nd	0300 rod pattern adjustment complete, increasing back to rated conditions.
April 9th	0024 reducing load for weekly turbine testing.
April 9th	0242 weekly turbine test complete and satisfactory, increasing back to rated conditions.
April 16th	0210 reducing load for weekly turbine test.
April 16th	0545 weekly turbine test complete and satisfactory, increasing back to rated conditions.
April 18th	1420 reducing load per management due to offgas stack inlet valve (N62-F527) being closed.
April 18th	1440 valve (N62-F527) opened.
April 18th	1511 increasing back to rated conditions.
April 22nd	2120 reducing load for weekly turbine test.
April 23rd	0040 reducing load to 300 MWe to perform rod sequence exchange.
April 23rd	1100 rod sequence exchange complete, ramping back to rated conditions.
April 29th	2150 reducing load to perform rod pattern adjustment.

NARRATIVE REPORT  
UNIT 2

April 3rd            1500 reducing load to come off-line for  
refueling outage.

April 4th            0946 manual turbine trip.

April 4th            1038 manual scram to start refueling outage.

Hatch Unit 2 was limited to 70% thermal power thru April 3 at  
1500 hours due to high offgas activity and meeting the  
refueling window.

HATCH 1 SAFETY-RELATED MAINTENANCE REQUESTS  
TO BE REPORTED FOR April 1983

Hatch 1 had no reportable Maintenance Request for the month of April 1983.

HATCH 2 SAFETY-RELATED MAINTENANCE REQUESTS  
TO BE REPORTED FOR April 1983

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
83-1815	04-11-83	Remove heat tracing cable from CST level switches (Ref. DCR 81-175).
82-5403	11-13-82	Install trip circuit breaker in MCC 2R24-S011A (Ref. DCR 79-476).
82-5402	12-28-82	Install & engrave control switches & associated indicating lights. (Ref. DCR 79-476).
82-5404	11-25-82	Modify panels 2H11-P622, 2H11-P623, 2H11-P700 & 2H11-P702. (Ref. DCR 79-476).
83-946	03-28-83	Modify existing hanger 2E51-RCIC-A706. (Ref. DCR 82-076).
83-953	03-28-83	Install hanger on torus purge system. (Ref. DCR 82-076).
83-834	03-30-83	Install hanger 2T48-S53-H814 on torus purge system. (Ref. DCR 82-076).
83-937	03-22-83	Modify hanger 2E51-RCIC-HR708. (Ref. DCR 82-76).
83-939	03-22-83	Modify hanger 2E51-RCIC-R2. (Ref. DCR 82-76).
83-719	03-22-83	Modify hanger 2T48-S1-H807 on torus purge system. (Ref. DCR 82-076).
83-720	03-22-83	Modify hanger 2T48-S53-H810 on torus purge system. (Ref. DCR 82-076).
83-727	03-22-83	Correct hanger 2T48-S53-H807 on torus purge system. (Ref. DCR 82-076).
83-727		Correct hanger 2T48-S54-H812 on torus purge system. (Ref. DCR 82-076).



83-729	03-22-83	Correct hanger 2T48-S59-H814 on torus purge system. (Ref. DCR 82-076).
83-725	03-22-83	Modify hanger 2T48-S54-H812 on torus purge system. (Ref. DCR 82-076).
83-726	03-22-83	Modify hanger 2T48-S53-H813 on torus purge system. (Ref. DCR 82-076).
82-6131	02-24-83	Pull, lug and tape cable XTX702 M01 on 2081120VAC distribution panel 2R25-S125. (Ref. DCR 80-157).
82-1730	04-06-82	Terminate cables in 125/250 VDC switchgear 2R22-S016, S017. (Ref. DCR 79-427).
82-637	04-03-82	Install raceways in 125/250 VDC switchgear 2R22-S016, S017. (Ref. DCR 79-427).
82-5315	01-04-83	Perform 6" coredrill in the Unit 2 radwaste bldg./east cableway wall between columns T18 & T19 (Ref. DCR 82-128).
82-5314	12-29-82	Seal penetration caused by 6" core drill in the Unit 2 radwaste/east cableway wall between columns T18 & T19. (Ref. DCR 82-128).
82-5392	01-26-83	Install sprinkler system over the Unit 2 dry waste area/trasn compactor. (Ref. DCR 82-128).
82-5715	02-21-83	Perform a 12" core drill around the existing 6" hole where the existing 3" riser penetrates the 130' east cableway floor. (Ref. DCR 82-133).
82-5521	12-02-82	Modify existing Unit 2 west cableway sprinkler system (Ref. DCR 82-132).
83-721	03-29-83	Modify hanger 2T48-S54-H803 on torus purge system. (Ref. DCR 82-076).

83-717	03-23-83	Modify hanger 2T48-S1-H801 on torus purge system. (Ref. DCR 82-076).
83-718	03-29-83	Modify hanger 2T48-S1-H805 on torus purge system. (Ref. DCR 82-076).
83-728	03-29-83	Modify hanger 2T48-S54-H813 on torus purge system. (Ref. DCR 82-076).
83-773	04-16-83	Internally wire panel 2H11-P621 for auto transfer of pump suction from CST to torus. (Ref. DCR 81-175).
93-045	03-23-83	Modify existing hanger 2E41-HPCI-HR708. (Ref. (DCR 82-76).
83-951	03-30-83	Install hanger 2T48-CPUR-A708 on torus purge system. (Ref. DCR 82-76).
83-950	03-30-83	Install hanger 2T48-CPUR-A707 on torus purge system. (Ref. DCR 82-76).
83-952	03-31-83	Install hanger 2T48-CPUR-A713 on torus purge system. (Ref. DCR 82-76).
83-969	03-30-83	Install hanger 2T48-S50-H800 on torus purge system. (Ref. DCR 82-076).
83-954	03-31-83	Install hanger 2T48-CPUR-A712 on torus purge system. (Ref. DCR 82-76).
83-974	03-29-83	Install hanger 2T48-CPUR-A709 on torus purge system. (Ref. DCR 82-076).