

OPERATING DATA REP.

DOCKET NO. 50-366
DATE 03-10-82
COMPLETED BY JAN ARNETTE
TELEPHONE (912) 367-7781 x 203

B203160402 B20305
PDR ADOCK 050003366
R PDR

OPERATING STATUS

* Notes *

1. Unit Name: E-1 Hatch Nuclear Plant Unit 2
2. Reporting Period: 02-82
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): 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	672	1416	21793
12. Number Of Hours Reactor Was Critical	430.9	1162.0	16460.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	423.0	1097.7	15661.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MUH)	878520	1975662	33805286
17. Gross Electrical Energy Generated (MUH)	295370	638260	11010770
18. Net Electrical Energy Generated (MUH)	279817	604309	10484834
19. Unit Service Factor	62.9	77.5	71.9
20. Unit Availability Factor	62.9	77.5	71.9
21. Unit Capacity Factor (Using MDC Net)	54.0	55.4	62.4
22. Unit Capacity Factor (Using DER Net)	53.1	54.4	61.4
23. Unit Forced Outage Rate	6.3	8.2	9.9
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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-366

DATE 03-10-82

COMPLETED BY JAN ARNETTE

TELEPHONE (912) 367-7781 X 203

MONTH 02-82

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	479	17	374
2	597	18	31
3	707	19	447
4	731	20	-12
5	692	21	-12
6	514	22	-9
7	728	23	-7
8	729	24	-6
9	718	25	-7
10	723	26	-7
11	720	27	-6
12	716	28	-6
13	713	29	
14	712	30	
15	704	31	
16	698		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February

DOCKET NO. 50-366
 UNIT NAME Hatch 2
 DATE 3-3-82
 COMPLETED BY Jan Arnette
 TELEPHONE 912-367-7851 X-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
82-22	2-1-82	S		F	4	NA	RC	ZZZZZZ	Load reduction to 60%
82-23	2-5-82	S		B	5	NA	HA	TURBIN	Weekly turbine test
82-24	2-5-82	F		B	5	NA	CD	VALVEX	Maintenance work on MSIV's
82-25	2-17-82	F	28.6	A	3	NA	CB	XXXXXX	Reactor auto scram due to low water level
82-26	2-18-82	F		A	9	NA	CB	XXXXXX	Recovery from scram
82-27	2-19-82	S	220.4	C	2	NA	RC	FUELXX	Reactor scram for refueling outage

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

HATCH 2 SAFETY-RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR February 1982

NUMBER	DATE COMPLETED	DESCRIPTION
80-4445	12-28-81	Installed heat tracing per DCR 79-201. Installed thermostats 2613-N156, N157, & N158, & junction box 2JM7944. Ran conduit & pulled cables.
82-28	01-25-82	Checked out hypotted cables. Reference DCR 81-51.
81-4760	01-05-82	Repair engine rod that came off the crank shaft.
81-4687	02-05-82	Installed orifice plates on the RCIC LSTB line per TER 81-09. Torqued bolts to 175'-lbs. Installed flexitallic gasket. Removed plate upon completion of DCR. Installed & torqued flexitallic gasket in the orifice flange. Reference DCR 80-440.
81-4462	01-21-82	Removed two relays; revised annunciator circuit for window P002; revised internal wiring for panel 2H11-P650; revised external wiring for TB-6 of panel 2H11-P650; & revised wiring for 2 PH-PS-N002B pressure switch. Reference DCR 80-368.
82-93	01-14-82	Calibrated 2E51-N018 per DCR 79-376.
81-3333	12-01-81	Installed 6000 ohm 25 watt field discharge resistor in MCC 2R24-S021 on terminal block F1 & S2 per DCR 80-17.
81-4533	11-27-81	Replaced burned-up motor on RHR injection valve with new motor as per DCR 81-199.

NARRATIVE REPORT
UNIT 2

February 1st	Power reduced to 60% per management directive.
February 5th	Dropped load to approximately 70% for MSIV test and weekly turbine test. At 22:50 dropped load to 50% so that maintenance can work on MSIV's.
February 11th	Turbine tripped at 9:50 due to RCIC mechanical overspeed trip.
February 12th	Decreased reactor power at 5:32 to take out 2C condensate pump
February 13th	Reduced reactor power at 00:50 for the weekly turbine test.
February 17th	Reactor auto scram at 13:09 due to low water level.
February 18th	Reactor critical at 9:30. Generator tied to line at 17:47.
February 19th	Reactor scram at 19:36 for refueling outage.