

OPERATING DATA REPORT

DOCKET NO. 50-366  
 DATE 8-8-79  
 COMPLETED BY P. B. Allen  
 TELEPHONE 912-367-7781

OPERATING STATUS

1. Unit Name: Hatch - 2
2. Reporting Period: July 1979
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 817
5. Design Electrical Rating (Net MWe): 784
6. Maximum Dependable Capacity (Gross MWe): 749
7. Maximum Dependable Capacity (Net MWe): 716
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

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	<u>744</u>	<u>5087</u>	<u>9504</u>
12. Number Of Hours Reactor Was Critical	<u>632.5</u>	<u>1567.4</u>	<u>4199.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>448.3</u>	<u>992.7</u>	<u>2379.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>874412</u>	<u>1803482</u>	<u>3809423</u>
17. Gross Electrical Energy Generated (MWH)	<u>769630</u>	<u>504640</u>	<u>1041240</u>
18. Net Electrical Energy Generated (MWH)	<u>255013</u>	<u>455441</u>	<u>948973</u>
19. Unit Service Factor	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
20. Unit Availability Factor	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
21. Unit Capacity Factor (Using MDC Net)	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
22. Unit Capacity Factor (Using DER Net)	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
23. Unit Forced Outage Rate	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

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	_____	<u>7-4-78</u>
INITIAL ELECTRICITY	_____	<u>9-22-78</u>
COMMERCIAL OPERATION	_____	_____

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(0/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-366

UNIT Hatch - 2

DATE 8-8-79

COMPLETED BY P. B. Allen

TELEPHONE 912-367-7781

MONTH July 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>-9</u>	17	<u>622</u>
2	<u>-10</u>	18	<u>642</u>
3	<u>-7</u>	19	<u>347</u>
4	<u>-7</u>	20	<u>701</u>
5	<u>-8</u>	21	<u>678</u>
6	<u>-17</u>	22	<u>601</u>
7	<u>-19</u>	23	<u>607</u>
8	<u>-18</u>	24	<u>629</u>
9	<u>-56</u>	25	<u>629</u>
10	<u>151</u>	26	<u>712</u>
11	<u>61</u>	27	<u>747</u>
12	<u>0</u>	28	<u>702</u>
13	<u>92</u>	29	<u>767</u>
14	<u>-16</u>	30	<u>778</u>
15	<u>-10</u>	31	<u>785</u>
16	<u>436</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-366  
 UNIT NAME Hatch - 2  
 DATE 8-8-79  
 COMPLETED BY P. B. Allen  
 TELEPHONE 912-367-7781

REPORT MONTH July 1979

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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
79-11	790627	S	204:16	B	3	N/A	CD	VALVES	Rs Scram Due to MSIV Testing
79-12	790711	F	31:35	H	N/A	N/A	EB	GENERA	Turbine Trip from Vendor Wiring Errors in Alterrex Feedback Circuits
79-13	790713	F	59:53	H	N/A	N/A	EB	GENERA	Same as above
79-14	790718	F	31:42	A	4	N/A	WB	DEMINX	Hi Conductivity Problems
79-15	790721	F	114:45	A	4	N/A	SB	HTEXCH	Drywell Temperature Modification
79-16	790727	F	17:10	B	4	N/A	WC	DEMINX	Dropped Load Due to Condensate  Demin dPs

<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-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

NARRATIVE REPORT  
UNIT 2

July 9	On line 1216 CST
July 11	Turbine Trip from Vendor Wiring Errors in Alterrex Feedback Circuits
July 12	On line 1937 CST
July 13	Turbine Trip from Vendor Wiring Errors in Alterrex Feedback Circuits
July 15	On line 2223 CST
July 18	Hi Conductivity Problems 1810 CST
July 21	Drywell Temperature Modification 1345 CST
July 27	Dropped Load Due to Condensate Demin dPs 2035 CST

There was no single release of radioactivity or single radiation exposure which accounts for more than 10 percent of the allowable annual values during the previous month of 1979.

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HATCH 2 SAFETY-RELATED MAINTENANCE REQUESTS  
TO BE REPORTED FOR JUNE 1979

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
79-3269	7-28-79	Sump motors under water. Pulled motors and dried out. Replaced bearings and reinstalled
79-2791	7-23-79	Installed as per DCR 79-84 instructions
79-3458	7-24-79	Removed SRV tailpipe D/P transducer cable as per DCR 79-117; removed Main Stm. Line Electro Syn. transducer, piping; capped line; closed isolation valves, removed cable and returned GE equipment to warehouse
79-3007	7-2-79	Replaced C/N HTX-8320-A-108 V with C/N NP 8320-A0185E as requested
79-3243	7-2-79	Inspected valves and found problem to be misalignment of flanges causing valves to bind. Loosened bolts on flanges of F037A-B-K and corrected alignment; torqued flanges on all vacuum breaker valves
79-2587	6-3-79	Re-calibrated Temporary Recirc. pump suction pressure instr. as requested per DCR-2-79-59
79-1370	6-25-79	Installed strain gages and associated equipment as per DCR 79-109, Rev. 0
79-3239	6-28-79	Installed pad around outside of Drywell refueling bellows
79-3305	7-22-79	Mounted temp. element in its mounting bracket in drywell dome area

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79-2374	6-26-79	Calibrated Recirc. transmitters representative	Temporary Pump per GE	dP	Hugh Upton
79-3419	7-17-79	Installed relays and K32 as per DCR 79-313	2E51-K12		
78-5220	7-22-79	Removed the cyclone separators from 2 of 4 of the RHR pumps and 1 of 2 of the Core Spray Pumps Seal Water System and inspected the "Orificed" outlets and found they were clean			
79-3493	7-22-79	Replaced 79 and 710 1st level multiplexer's			
79-3464	7-16-79	Replaced RPIS Probe Limit Switch for position "28"			
79-3279	7-22-79	Replaced defective plug that goes on bottom of RPS probe; adjusted light bulb clips in "4" rod display "TNS" position for "1"			
79-3326	7-17-79	Removed Safety Relief Valve 2B21-F0136 body and pilot and replaced with spare valves; setpoint 1090 psig			
79-3283	7-2-79	Removed the temporary T/C on SRV-A and installed on MSIV-A			
79-2474	7-5-79	Hooked up power cord from panel 2R25-3087 and ran to 147 Elev. in condensor bay			
79-3143	7-8-79	Point Advance Motor was frozen up; cleaned motor out and reinstalled			
79-3223	7-7-79	Calibrated recorders 2T47-R626, 2T47-R627 per HNP-2-5616 and found both acceptable			
79-3171	7-8-79	Repaired rod 26-11 probe which gave a false overtravel indication			

79-3354	7-15-79	Removed seats and valve to CPS A and B Tanks Inlet Valve; cleaned seats and reinstalled
79-3272	7-15-79	Removed "B" CPS Inlet Valve and Seats; cleaned seats and reinstalled
79-3389	7-13-79	Motor fields grounded on steam to RCIC Turbine; replaced motor
79-3303	7-9-79	Checked and corrected wiring of motor heater circuit as per # 27879 conn diagram
79-3245	7-5-79	Replaced Unit 2 pump and motor with Unit 1 pump and motor per temporary DCR 79-292
79-3204	7-8-79	Replaced flux gasket RC 15000 PSI
79-2872	7-5-79	Torqued loose stud to 240 ft. lbs. and checked torque on remaining bolts
79-3392	7-13-79	Investigated problem and found no trouble with breaker; found that motor had burn windings; sent to Forest Park for repairs
79-435	7-10-79	Checked motor and breaker and operated correctly; holding MR to see if problem re-occurs
79-3273	7-2-79	Found no sign of any grease leaking, so disassembled coupling and inspected gasket; found no problems, reassembled
79-3297	7-3-79	Checked calibration of 2E41-N01K

678315