

**OPERATING DATA REPORT**

DOCKET NO. 50-321  
 DATE 8-10-80  
 COMPLETED BY R. M. Blackwell  
 TELEPHONE 912-367-7781

**OPERATING STATUS**

1. Unit Name: Hatch 1
2. Reporting Period: 7-80
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 809.3
5. Design Electrical Rating (Net MWe): 777.3
6. Maximum Dependable Capacity (Gross MWe): 796.3
7. Maximum Dependable Capacity (Net MWe): 764.3
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>5111</u>	<u>40175</u>
12. Number Of Hours Reactor Was Critical	<u>535.8</u>	<u>4166.9</u>	<u>29964.9</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>330.8</u>	<u>3751.9</u>	<u>28020.3</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>707424</u>	<u>8425164</u>	<u>58778199</u>
17. Gross Electrical Energy Generated (MWH)	<u>213240</u>	<u>2768540</u>	<u>19039480</u>
18. Net Electrical Energy Generated (MWH)	<u>196661</u>	<u>2635159</u>	<u>18097092</u>
19. Unit Service Factor	<u>44.5</u>	<u>73.4</u>	<u>69.7</u>
20. Unit Availability Factor	<u>44.5</u>	<u>73.4</u>	<u>69.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>34.6</u>	<u>67.5</u>	<u>58.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>34.0</u>	<u>66.3</u>	<u>58.0</u>
23. Unit Forced Outage Rate	<u>55.5</u>	<u>26.6</u>	<u>21.6</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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

8008180395

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-321

UNIT Hatch 1

DATE 8-10-80

COMPLETED BY R. M. Blackwell

TELEPHONE 912-367-7781

MONTH 7-80

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1		17	747
2	-1	18	748
3	-10	19	726
4	-19	20	233
5	-20	21	-15
6	-18	22	-15
7	-15	23	-15
8	-11	24	-15
9	-12	25	-15
10	-12	26	12
11	9	27	185
12	427	28	511
13	613	29	645
14	703	30	710
15	707	31	713
16	743		

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.

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

DOCKET NO. 50-321  
 UNIT NAME Hatch 1  
 DATE 8-10-80  
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REPORT MONTH 7-80

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
8026	800701	F	144	A	4	1-80-69	CJ	VALVEX	Unit in cold shutdown due to HPCI failure since 6-27.
8027	800707	F	115.62	A	4	1-80-80	MA	PIPEXX	Unit remained shutdown for repair of crack in RWCU return line to feedwater
8028	800712	F	27	D	5	NA	RB	CONROD	Reduce load in order to perform rod pattern adjustment
80-29	800719	F	10	B	5	NA	HA	VALVES	Reduced load in order to perform control valve testing
8030	800720	F	12.53	B	2	NA	IC	ACCUMU	Rx manually scrammed per IEB #80-17
80-32	800726	F	10.95	A	3	NA	CH	PUMPXX	Rx auto scram on low Rx water level loss of feedpump

<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**

(9/77)

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REPORT MONTH 7-80

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80-31	800721	F	130.1	B	A	NA	XX	BLOWERS	Unit remained s/d for drywell fan maintenance
80-33	800727	F	18	D	5	NA	RB	CONRAD	Reduced load in order to perform rod pattern adjustment

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NARRATIVE REPORT  
UNIT 1

July 1st            Reactor remained shutdown due to failure of high pressure coolant injection system from 6-26-80 to 7-7-80

July 7th            Crack was discovered in RWCU return line to feedwater. Crack was repaired and reactor went critical at 09:20 on 7-10-80

July 10th           11:04 Rx scram on APRM A and APRM E upscale trip. Rx went critical at 23:40 on 7-10-80

July 12th           At 07:27 reduced load in order to perform rod pattern adjustment

July 19th           21:25 reduced load in order to perform control valve tests

July 20th           Unit off line at 15:18; Rx manual scram at 19:27 per IEB #80-17. Scram discharge volume analysis (pressure, temp, and valve testing) proved satisfactory. Unit remained down while performing drywell fan maintenance. Rx went critical at 14:52 on 7-25-80

July 26th           Unit on line at 14:06, Rx auto scram at 18:38 turbine tripped on low Rx water level, loss of feedpump. HPCI test performed, HPCI performance found satisfactory

July 27th           00:05 Rx critical, generator on line at 05:35

July 28th           19:30 reduced load in order to perform rod pattern adjustment

There was no single release of radioactivity or single radiation exposure which accounts for more than 10% of the allowable annual values during July of 1980.

HATCH 1 SAFETY - RELATED MAINTENANCE REQUESTS  
TO BE REPORTED FOR JULY 1980

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
80-3525	7-19-80	Reroute line from EGR actuator to remote servo capped two lines left going to oil sump per DCR 80-221 (HPCI Turbine Oil)
80-3527	7-8-80	Welded up gap around support plates on Ell-RHRH-274
80-3527	7-8-80	Welded support lugs to penetration sleeve on RHRH line
80-3532	7-10-80	Fabricated snubber transitions for Ell-RHR H196 and 313 RHR suction line supports
80-3338	7-14-80	Replaced K11 contacts on rod out block alarm
80-3587	7-14-80	Replaced limit switches on dw/fp monitor outboard isolation valves
80-3783	7-23-80	Calibrated 1Ell-R602A on "A" loop of RHR SW flow indicator
80-3528	7-17-80	Modified end plates on hangers
80-2920	7-2-80	Replaced existing INS snubber with a PSA-1 snubber per DCR 80-15
80-3571	7-11-80	Welded cracks in RWCU return line
80-695	7-23-80	Installed selection on electronic water treater per DCR 78-227
80-2700	7-6-80	Performed surveillance of mechanical snubbers per request