

OPERATING DATA REPORT

DOCKET NO. 50-366
 DATE 12-10-79
 COMPLETED BY G. L. Johnson
 TELEPHONE 912-367-7781

OPERATING STATUS

1. Unit Name: Hatch 2
2. Reporting Period: November 1979
3. Licensed Thermal Power (MWt): 2436 MWt
4. Nameplate Rating (Gross MWe): 817.0 Gross MWe
5. Design Electrical Rating (Net MWe): 784.0 Net MWe
6. Maximum Dependable Capacity (Gross MWe): 782.0 Gross MWe
7. Maximum Dependable Capacity (Net MWe): 749.0 Net MWe
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	720	2089	2089
12. Number Of Hours Reactor Was Critical	689.1	1919.5	1919.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	607.4	1670.6	1670.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1385270	3700252	3700252
17. Gross Electrical Energy Generated (MWH)	457910	1223870	1223870
18. Net Electrical Energy Generated (MWH)	438341	1168520	1168520
19. Unit Service Factor	84.4	80.0	80.0
20. Unit Availability Factor	84.4	80.0	80.0
21. Unit Capacity Factor (Using MDC Net)	81.3	74.7	74.7
22. Unit Capacity Factor (Using DER Net)	77.7	71.3	71.3
23. Unit Forced Outage Rate	4.5	14.6	14.6
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):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

1608 274

7 912180

443
 11/77

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-366

UNIT Hatch 2

DATE 12-10-79

COMPLETED BY G. L. Johnson

TELEPHONE 912-367-7781

MONTH november

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>788</u>
2	<u>716</u>
3	<u>-8</u>
4	<u>-11</u>
5	<u>398</u>
6	<u>690</u>
7	<u>789</u>
8	<u>796</u>
9	<u>668</u>
10	<u>-9</u>
11	<u>442</u>
12	<u>734</u>
13	<u>762</u>
14	<u>238</u>
15	<u>489</u>
16	<u>757</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>724</u>
18	<u>44</u>
19	<u>658</u>
20	<u>753</u>
21	<u>768</u>
22	<u>793</u>
23	<u>778</u>
24	<u>746</u>
25	<u>783</u>
26	<u>790</u>
27	<u>796</u>
28	<u>791</u>
29	<u>800</u>
30	<u>804</u>
31	<u></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.

POOR ORIGINAL

(9/77)

1608 276

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-366
 UNIT NAME Hatch 2
 DATE 12-10-79
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REPORT MONTH November

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
79-30	79-11-3	S	48.6	B	1	NA	CB	HTEXCH	Shutdown due to inop HPCI Inboard Isolation Valve
79-31	79-11-9	F	12.7	A	3	NA	HJ	HTEXCH	Rx Scram: due to MSR High Level
79-32	79-11-10	F	13.6	A	3	NA	CD	VALVEX	Rx Scram: MSIV closed due to momentary loss of power to the 4160 volt buss
79-33	79-11-14	F	19.2	A	3	NA	EC	MOTORX	Rx Scram: Loss of DC to EHC when taking LPCI inverter out of service.
79-34	79-11-18	S	18.8	B	1	NA	CB	HTEXCH	Shutdown to repair inop LPCI inverter

- 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-Other (Explain)
- 4 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)
- 5 Exhibit I - Sample Source

(9/77)

POOR ORIGINAL

NARRATIVE REPORT
UNIT 2

November 3rd	Shutdown due to inop HPCI Inboard Isolation Valve
November 5th	Generator tied to line 0105 CDT
November 9th	Rx Scram due to MSR high level
November 10th	Generator tied to line 1037 CDT
November 10th	Rx Scram at 1124: MSIV closed due to momentary loss of power to 4160 volt buss
November 11th	Generator tied to line 0058 CDT
November 14th	Rx Scram: Loss of DC to EHC when taking LPCI out of service
November 15th	Generator tied to line 2:44
November 18	Shutdown to repair inop LPCI inverter. Generator tied to line 2221 CDT

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

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
79-4429	11-20-79	Safety system variable spring inspection
79-3689	11-21-79	Repaired HPCI pump discharge to CST valve
79-5279	11-21-79	Repaired PSW pump 2A
79-5268	11-20-79	Investigated and repaired level indications on Rx water level instrument rack
79-4853	11-20-79	Repaired spiking IRM "E"
79-5267	11-20-79	Repaired level indications on Rx water level instrument rack
79-5394	11-20-79	Repaired "A" D/W H ₂ O ₂ analyzer
79-5495	11-20-79	Replaced blown fuses in 250 V inverter
79-5524	11-20-79	Checked liquid R/W radiation monitor
79-5489	11-20-79	Repaired RCIC valve from steam inlet
79-5456	11-20-79	Adjusted "2F" APRM
79-5438	11-20-79	Repaired primary containment atmosphere sampling monitor
79-4979	11-12-79	Calibrated plant service water instruments
79-5462	11-15-79	Replaced backwash pressure regulator (controller)
79-5290	11-12-79	Inspected off-gas condenser
79-5309	11-9-79	Removed air lock strong backs

79-1373

11-9-79

Megged "B" loop jockey pumps

79-5138

11-8-79

Inspected HPCI turbine stop
valve

1608 279

79-3259	9-4-79	Completed piping on RWCU cobalt deposition loop per DCR 2-78-205
79-4920	10-16-79	Insured that no ground exist on the high side of the A diesel generator
79-4921	10-16-79	Insured that no ground exist on the high side of the C diesel generator
79-4550	10-17-79	Repaired LPRM 0421 B
79-3391	10-17-79	Replaced bad detector in IRM 2B
79-4885	10-17-79	Replaced "A" IRM detector
79-5013	10-29-79	Repaired feedwater testable check valve
79-5029	10-28-79	Repaired RCIC steam supply isolation valve
79-5200	11-6-79	Repaired "C" RHR S/W pump
79-5027	11-6-79	Repaired PSW pump discharge check valve
79-4950	11-7-79	Repaired HPCI pump (seal water line to pump)
79-4942	11-6-79	Repaired HPCI torus suction valve