

OPERATING DATA REPORT

DOCKET NO. 50-321
DATE 6-2-79
COMPLETED BY R. Stancil
TELEPHONE 912-537-9444

OPERATING STATUS

- | | |
|---|-------|
| 1. Unit Name: <u>Hatch - 1</u>
2. Reporting Period: <u>May 1979</u>
3. Licensed Thermal Power (MWt): <u>2436</u>
4. Nameplate Rating (Gross MWe): <u>809.3</u>
5. Design Electrical Rating (Net MWe): <u>786.3</u>
6. Maximum Dependable Capacity (Gross MWe): <u>764.3</u>
7. Maximum Dependable Capacity (Net MWe): <u>731.3</u>
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: | Notes |
|---|-------|

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	744	3623	41329
12. Number Of Hours Reactor Was Critical	0	2449.9	30897.1
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	2414.1	28414.8
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	5492776	55088561
17. Gross Electrical Energy Generated (MWH)	0	1798940	17849271
18. Net Electrical Energy Generated (MWH)	-4007	1714941	16986834
19. Unit Service Factor	0	66.6	70.8
20. Unit Availability Factor	0	66.6	70.8
21. Unit Capacity Factor (Using MDC Net)	0	64.7	57.9
22. Unit Capacity Factor (Using DER Net)	0	60.2	53.8
23. Unit Forced Outage Rate	0	9.5	17.4

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: July 1, 1979
26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|--------------------------|----------|----------|
| 1. Units Produced | 100 | 100 |
| 2. Units In Test Status | 0 | 0 |
| 3. Units In Inventory | 0 | 0 |
| 4. Units In Transit | 0 | 0 |
| 5. Units In Storage | 0 | 0 |
| 6. Units In Other Status | 0 | 0 |
| 7. Total Units | 100 | 100 |

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

7906130023

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-321
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MONTH April 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-7
2	-6
3	-6
4	-6
5	-7
6	-7
7	-7
8	-6
9	-6
10	-6
11	-5
12	-6
13	-6
14	-6
15	-6
16	-5

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	-5
18	-5
19	-5
20	-5
21	-4
22	-4
23	-4
24	-4
25	-4
26	-5
27	-5
28	-5
29	-5
30	-5
31	-4

2327 531

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

REPORT MONTH April

DOCKET NO. 50-321
 UNIT NAME Hatch - 1
 DATE 6-1-79
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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
1	790422	S	744	C	1	N/A	ZZ	ZZZZZZ	Shutdown to facilitate refueling

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 - Same Source

(9/77)

2327-332

HATCH 1 SAFETY - RELATED MAINTENANCE
REQUESTS TO BE REPORTED FOR MAY 1979

Number	Date Completed	Description
78-4193	5-15-79	Performed 5 year change of squib cartridges per HNP-1-6798
79-1020	5-14-79	Fabricated frames and mount MK GLE electrical boxes per DCR-78-419
79-1456	4-16-79	Changed setpoints on 1P11-1T632
79-1518	5-7-79	Removed pilot assembly on Main Steam Relief Valves for bench test
79-1534	5-26-79	Pulled and terminated cables 1BGX711 C05 and BHX 811 C05
79-1577	5-22-79	Re-installed motor and replaced torque SW on RHR Rx HEAD spray inboard valve
79-1615	5-22-79	Replaced setpoint tapes on 2E11-R606 A/B per DCR-79-118
79-1763	5-28-79	Checked yarway Rx water level indicator
79-1830	5-17-79	Machine new core spray safe ends to be used in DCR-77-227
79-1837	4-27-79	Replaced vanes and repaired pump body on main stack sample pump A
79-1894	4-30-79	Installed temporary level indication per DCR-79-113
79-1895	5-24-79	Replaced CRD module #50-19 solenoid valve
79-1901	4-30-79	Cleaned seat and replaced gasket on RHR pump min. flow valve
79-1912	4-29-79	Changed setpoints on recombiner vent Rad. monitor A
79-1913	5-15-79	Cleaned vanes and reinstalled fission product particulate sample pump

2327 333

Number	Date Completed	Description
79-1954	5-11-79	Grinded weld preps on hanger lugs for use with DCR-77-229
79-1959	5-28-79	Unground shield on input cable from Rx building stack monitor from bolt heads
79-1981	5-19-79	Replaced grounded cable with spare conductor in existing cable on 125/250 V Battery 1A
79-2004	5-9-79	Piped up panel D11-P020 to D11-P001 per DCR-78-91
79-2005	5-3-79	Disassembled and lap seat and wedge on core spray pump min. flow valve
79-2091	5-18-79	Lap valve seat rings, and replaced disc and gasket on RCIC turbine exhaust check valve
79-2184	5-17-79	Changed setpoints on Rx Building vent Rad. monitor per HNP-1-7450
79-2195	5-14-79	Connected cable between oil press power card and 20 amp breaker per DCR-79-196
79-2251	5-14-79	Changed out cartridge assembly on Safety relief valve
79-2315	5-23-79	Changed setpoints on Drywell fission prod. monitor per HNP-1-5109
79-2316	5-23-79	Changed setpoints on fission product monitor per HNP-1-5109
79-2317	5-23-79	Changed setpoints on fission products noble gas monitor per HNP-5109
79-2395	5-25-79	Center-punch alignment marks on air operator and cartridge on SRV
79-2449	5-23-79	Replaced torque SW and cleaned limit switches on RHR Heat exchanger "A" Drain valve
79-2555	5-26-79	Repaired hangers on core spray conduit support per DCR-79-241

Narrative Report
Hatch-1

May 1979

Cold shutdown for refueling

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 month of May.

2327 535