OPERATING DATA REPORT

DOCKET NO. 50-321
DATE 8-8-79
COMPLETED BY P. B. Allen
TELEPHONE 912-367-7781

OPERATING STATUS

1. Unit Name: Hatch - 1
2. Reporting Period: July 1979
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 809.3
5. Design Electrical Rating (Net MWe): 786.3
6. Maximum Dependable Capacity (Gross MWe): 764.3
7. Maximum Dependable Capacity (Net MWe): 731.3
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	744	5087	42793
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)	-4313	1707287	16979180
19. Unit Service Factor	0	47.5	68.3
20. Unit Availability Factor	0	47.5	68.3
21. Unit Capacity Factor (Using MDC Net)	0	45.9	55.8
22. Unit Capacity Factor (Using DER Net)	0	42.7	51.9
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: 8-15-79
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-321
UNIT Hatch - 1
DATE 8-8-79
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MONTH July 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-5	17	-6
2	-6	18	-6
3	-6	19	-5
4	-6	20	-6
5	-5	21	-6
6	-5	22	-6
7	-6	23	-6
8	-6	24	-5
9	-6	25	-5
10	-6	26	-5
11	-6	27	-6
12	-6	28	-6
13	-6	29	-7
14	-6	30	-6
15	-6	31	-5
16	-6		

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. 50-321
UNIT NAME Hatch - 1
DATE 8-8-79
COMPLETED BY P. B. Allen
TELEPHONE 912-367-7781

REPORT MONTH July 1979

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
79-10	790422	S	744	C	1	N/A	ZZ	FUELXX	Shutdown to facilitate refueling

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refu
D-R ory Restriction
E-O Training & License Examination
F-Ad strative
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)

NARRATIVE REPORT
UNIT I

July 1979 Cold Shutdown for Refueling

Following the compilation of Health Physics Dosimetry Records for the previous month, it was found that seven employees received doses exceeding 10% of our annual allowable limits. The exposures were received as a result of cladding removal in the reactor vessel and were recorded as follows:

Employee	mr
1	1545
2	1428
3	1930
4	1352
5	1268
6	1410
7	1364

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

NUMBER	DATE COMPLETED	DESCRIPTION
78-3261	6-28-79	Sealed four 4" conduits under control room computer console with silicone foam
79-1254	7-12-79	Cleaned off pipe welds on Cont. Atmos. Cooling System - with class 2 Piping welds wire brush on air end grinder
78-3187	6-28-79	Patched breached fire barrier in RPS vertical cableway with Semco patch kit, lot # 05913 on 130' el. vert. cableway and on 147' el. cable spread over vert. cableway
78-2712	6-28-79	Sealed the two penetrations in each unit 1 D/G SW GR. room west wall with silicone foam both in and around the cable ducts
79-3666	7-22-79	Rebuilt and installed 1B Fuel Pool Cooling Pump Outboard on G41-C001B
79-1782	7-22-79	Removed old cylinders and installed 4 new air cylinders on F13-E008
79-3769	7-22-79	Installed terminal strips in junction boxes adjacent to subject switches, terminated switch-associated cables at terminal strips, and then installed necessary length of cable from terminal strip to switch (per DCR 78-330, Rev. 1)
79-943	7-20-79	Replaced valves and piping as per DCR 77-26
79-1255	7-12-79	Cleaned off weld on Core Spray system-Class 2 piping welds with wire brush on air end grinder

79-1253	7-12-79	Cleaned off weld on RHR system-Class 2 piping welds with wire brush on air end grinder
79-2742	7-13-79	RHR Ht. Exc. Crosstie Relief valve had blanks on both sides; lapped seats and set pressure at 83 psig
79-2424	7-12-79	Disassembled RHR return check valve, cleaned seats, rotated arm 1800 to pick seat up higher for better seat
79-2155	7-13-79	Installed circuit breakers and voltage devices on RPS MG set breaker panels A, B, C, and D as per DCR 78-419; completed internal wiring and installed panels in boxes
79-2529	7-18-79	Rebuilt Scram Pilot Valves per HNP-1-6107 on all HCV
79-3431	7-19-79	MR voided; see MR 1-79-3090
79-3641	7-18-79	Disconnected cable R25-S001 at B31-P002A as per DCR 77-271, Rev. 1
79-3955	7-22-79	Modified support as per DCR 79-300
79-624	7-31-79	Rebuilt spare RWCU pump using manual S17355
78-4078	7-27-79	Removed valve and transferred to hotmachine. Grounded spotweld off Bonnet/body and lapped seat reassembly valve; respot weld bonnet/body and reinstalled valve
78-3061	7-28-79	Cleaned poppett and replaced bonnett gasket on RWCU dump valve to condenser
79-1409	7-25-79	Installed and removed steamline plugs as needed during refueling outage

79-1415	7-25-79	Installed Dryer Separator Pool plugs after moving separator and Dryer from pool
79-1419	7-27-79	Reinstalled R.P.V Head Insolation Iaw. HNP-1-6715
79-1420	7-27-79	Cleaned flanges, replaced gaskets and installed Head piping as per HNP-1-6710
79-1423	7-25-79	Cleaned RPV head flanges with stainless brushes and lent free rags; installed new Read o'rings; installed RPV head and tensioned studs
79-1424	7-25-79	Removed Dryer and Separator prior to refueling; reinstalled Dryer and Separator as per HNP-1-6730
79-3828	7-25-79	Removed fuel support from location 50-19 and found it was cocked with the alignment pin holding it up as evidenced by marks on O.P.; removed burr between alignment ears and cleaned O.P.
79-3815	7-23-79	Vacuumed the Jet pump support plate as indicated by T. V. inspection performed on 6-30-79
78-2637	6-29-79	Disassembled 1C PSW pump disch check valve, welded stem, machined to proper clearance and reinstalled
79-1780	7-3-79	Fabricated shaft for pulley with zerk fittings and installed same as per DCR 79-143, Rev. 0
79-3214	6-28-79	Tested safety relief valve as per HNP-1-3258M; set pressure to 200 psig
79-2961	6-28-79	Reinstalled minimum flow valve and torqued nuts to 675 ft. lbs.

79-2556	7-11-79	Removed relief valve on top of diesel air compressor R43-1C1, disassembled and cleaned parts. Valve worked properly when tested so valve was reinstalled
79-3595	7-13-79	Found bad alarm card in annunciator alarm which tripped when any A.C. spike occurred in Radwaste room; also replaced floor drain sample tank hi alarm, giving same problem
79-3320	7-6-79	Removed clamp from restraint 2N22-R109 and reinstalled on 1E21-CSR-78
79-3790	7-14-79	Removed control rod blade 50-19 and replaced with a new blade stored in the Unit 1 fuel pool
79-3667	7-8-79	Replaced blown fuse which feeds voltage to the pilot valve solenoid
79-3643	7-10-79	Installed and removed jumpers as per MR jumper sheet # 1-79-49
79-3497	7-4-79	Disconnected wiring on RCIC cond. Condensate motor; found suitable for Unit 1
79-1955	6-30-79	Lapped new seat after putting in HPCI turbine exhaust to Torus Check valve; replaced disk after machining disk down per DCR-290
79-2284	6-27-79	Honed seat ring and flapper seat, cleaned out inside of valve, repacked flapper hing pin; replaced hing pin gasket and reassembled valve
79-2154	7-2-79	Mounted racks and panels C71-P003A-D in RPS MG Set Room per drawing H-13121 R 244 and DCR 78-419

79-3390	7-1-79	Lapped seat ring to a 60° bevel and remachined plug to a 59 1/2° bevel; lapped plug to seat ring with 600 grit lapping compound. Cap was welded back on.
79-2154	6-29-79	Removed disc and found that it was hanging off center of seat. Made a new bushing with a .030 off set and installed them, replaced hinge pins and all three pressure seals