

OPERATING DATA REPORT

DOCKET NO. 50-321
 DATE 12-5-78
 COMPLETED BY S. Wilson
 TELEPHONE 912-367-7781

OPERATING STATUS

1. Unit Name: Hatch - 1
2. Reporting Period: November
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 809
5. Design Electrical Rating (Net MWe): 786
6. Maximum Dependable Capacity (Gross MWe): 748.6
7. Maximum Dependable Capacity (Net MWe): 717
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>720</u>	<u>8015</u>	<u>36961</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>5914.6</u>	<u>27743.4</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>698.7</u>	<u>5702.3</u>	<u>25327.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1509535</u>	<u>12114934</u>	<u>48047756</u>
17. Gross Electrical Energy Generated (MWH)	<u>496420</u>	<u>3984280</u>	<u>15541141</u>
18. Net Electrical Energy Generated (MWH)	<u>474703</u>	<u>3790388</u>	<u>14784972</u>
19. Unit Service Factor	<u>97.0</u>	<u>71.1</u>	<u>70.8</u>
20. Unit Availability Factor	<u>97.0</u>	<u>71.1</u>	<u>70.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>92.0</u>	<u>66.0</u>	<u>57.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>83.9</u>	<u>60.2</u>	<u>57.0</u>
23. Unit Forced Outage Rate	<u>3.0</u>	<u>18.6</u>	<u>18.3</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
 Maintenance Outage: 3-~~1~~ 2; 6 Weeks

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	_____	_____

7812150294

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-321
 UNIT Hatch-1
 DATE 12-5-78
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 TELEPHONE 912-367-7781

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	725	17	725
2	732	18	708
3	684	19	726
4	-5	20	724
5	448	21	723
6	655	22	724
7	645	23	724
8	697	24	719
9	723	25	414
10	717	26	577
11	717	27	638
12	721	28	695
13	722	29	621
14	723	30	709
15	722	31	
16	725		

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 12-5-78
 COMPLETED BY S. Wilson
 TELEPHONE 912-367-7731

REPORT MONTH November

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
78-22	11-4-78	F	21.3	A	1		EB	TRANSF	Arcing of Center Bushing of Main Transformer
78-23	11-25-78	F	0	A	4		CB	PUMPXX	MG Set Brush Replacement And On Line Sequence Exchange On Line Sequence Exchange Rod Pattern Change
78-24	11-29-78	S	0	H	4		RC	CONROD	
							RC	CONROD	

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 C - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

NARRATIVE REPORT
UNIT I

Nov. 1	Preconditioning
Nov. 4	Off line for transformer bushing replacement 0036 CST
Nov. 6	Limited by MFLPD
Nov. 7	Rod adjustment 202S CST
Nov. 9	Limited by MFLPD
Nov. 24	Load reduction for MG set brush replacement and rod sequence exchange 2200 CST
Nov. 28	Rod pattern exchange 2200 CST
Nov. 29	Preconditioning

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 September.

HATCH 1 SAFETY - RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR NOVEMBER 1978

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
76-5892	11-29-78	Replace existing main flange nuts and studs per DCR-76-111
76-5949	10-23-78	Repair leaking blowdown valve B21-N015C
77-1020	11-26-78	Remove brace from tubing tray Recirc lube oil cooling water valve
78-408	11-22-78	Reroute conduit and cable to valves P33-F006 & P33-F014 to correct control room switch.
78-977	11-27-78	Move H ₂ analyzcal gas bottles to 130 ele. per DCR-78-40
78-2870	11-2-78	Repair main steam line monitor D
78-2912	11-1-78	Perform calibration of all LCO instruments covered by HNP-1-832
78-3035	10-31-78	Install automatic lock and 2 emergency release on doors R59 and R59A per DCR-77-194
78-3036	11-3-78	Install automatic lock and 2 emergency release on doors R60 and R60A per DCR-77-194
78-3037	10-31-78	Install automatic lock and 2 emergency releases on doors R1 and R2 per DCR-77-194
78-3038	11-3-78	Install automatic lock and 2 emergency releases on doors R30A and R30B per DCR-77-194
78-3039	10-31-78	Install automatic lock and 2 emergency releases on doors R62 & R62A per DCR-77-194
78-3205	11-3-78	Perform yearly inspection of transformer

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<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
78-3247	11-30-78	Calibrate the D/G jacket coolant Hi temp switch
78-3298	10-23-78	Repair audible alarm 1D21-R754
78-3362	11-27-78	Repair B Gemac level gauge
78-3470	11-26-78	Install brace to tubing tray on Recirc lube oil cooling water valve
78-3537	11-2-78	Replace indicating lights of TIP drive control machine
78-3580	11-21-78	Repair packing leak on E41-F036
78-3581	11-20-78	Repair packing leak on E41-F037
78-3596	10-31-78	Trim bracket on door R54 per DCR-77-194.
78-3623	10-30-78	Repair filter paper take up reel 1D21-R755.
78-3625	11-13-78	Repair variable pot on Recombiner vent Rad monitor
78-3626	11-2-78	Adjust Hi alarm set point on Reactor Bldg vent Rad monitor
78-3638	11-21-78	Inspect and repair the vacuum pump on the Barometric condenser
78-3654	11-2-78	Calibrate the RHR service water pump pressure indicator
78-3656	11-2-78	Reduce operating voltage from 100V to 50V on LPRM 36-37 A, B, C, & D
78-3657	11-2-78	Calibrate LPRM 1C51-K605
78-3662	11-16-78	Perform P/M per HNP-1-6310
78-3699	10-30-78	Change setpoints as per HNP-7450

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<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
78-3707	11-3-78	Repair leak on Recirc drain line to main cond.
78-3708	11-3-78	Repair leak on Recirc drain line to main cond.
78-3710	11-21-78	Repair leaking level switch vent valves.
78-3730	11-2-78	Repair packing leak on inlet drain pot manual isolation valve
78-3731	11-13-78	Change setpoints of Recombiner Bldg vent monitor A&B per HNP-7450
78-3733	10-30-78	Grease bearing on torus/drywell delta P compressor pumps
78-3736	11-7-78	Replace TIP drive control machines indicating lights
78-3749	11-3-78	Repair motor drive temp recorder
78-3760	11-2-78	Replace clutch on TIP drive mechanism
78-3761	11-8-78	Grease motor bearing and check vibration as per HNP-6383
78-3767	11-8-78	Grease motor bearing and check vibration as per HNP-6385
78-3769	11-2-78	Clean CRD discharge filters and replace jacket
78-3770	11-2-78	Clean RBM "A" switch in control room
78-3771	11-2-78	Inspect RBM "B" alarm
78-3779	11-4-78	Repair alarm "Fuel oil Hi-Lo on tank water detection"
78-3782	11-2-78	Repair "B" D/W torus H ₂ O ₂ analyzer recorder

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<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
78-3786	11-4-78	Repair scale on "B" seal water flow meter
78-3787	11-7-78	Install check valves in each constant air supply line going to fuel pool gate seals
78-3794	11-6-78	Repair black pen on Reactor Building vent Rad monitor
78-3804	11-9-78	Inspect Diesel Gen. 1 blower motors
78-3805	11-9-78	Inspect Diesel Gen. 1 blower motors
78-3806	11-9-78	Inspect jacket coolant level to alarm
78-3807	11-9-78	Inspect alarm 1-H11-P652
78-3808	11-9-78	Lighten belts on 1C station service air compressor
78-3817	11-10-78	Repair Rx Bldg vent RAD monitor sample pump
78-3818	11-13-78	Change setpoints of Rx Bldg vent rad monitor per HNP-7450
78-3821	11-9-78	Replace valve on 1C11-F111
78-3822	11-13-78	Repair pretreatment sample pump leak
78-3826	11-8-78	Repair RHR spray flow gauge
78-3828	11-15-78	Inspect & repair pressure control valve
78-3830	11-9-78	Replace CRD accumulator isolation valve
78-3838	11-14-78	Perform P/M on Control Bldg HVAC system
78-3843	11-9-78	Prepair RBM channel "A"

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<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
78-3868	11-14-78	Repair leaking accumulator valve
78-3869	11-17-78	Destroy 2 primer chamber assemblies
78-3877	11-27-78	Repair loose input connection on Rx water demin monitor
78-3878	11-20-78	Calibrate head spray pressure transmitter
78-3885	11-19-78	Replace alarm circuit board on recombiner bldg vent monitor B
78-3886	11-27-78	Replace lower motor Diesel Gen. 1B
78-3888	11-20-78	Replace bulk core drums with solid state device
78-3889	11-29-78	Replace contact 3/3T N6253
78-3890	11-15-78	Perform F. T. on time delay relays
78-3894	11-13-78	Run saturation curves for LPRM detectors
78-3900	11-20-78	Replace logic board on TIP machine B
78-3925	11-18-78	Test alarm 1H11-P650
78-3926	11-22-78	Repair particulate monitor recorder
78-3929	11-18-78	Repair "LPRM Upscale" alarm
78-3931	11-20-78	Calibrate Rx bldg vent Rad monitor
78-3942	11-18-78	Repair H11-P650
78-3954	11-19-78	Repair air shock on hopper B
78-3966	11-19-78	Repair LDT A discharge pressure indicator
78-3968	11-22-78	Perform P/M on accumulate "A" per HNP-1-6310

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78-3969	11-22-78	Perform P/M on accumulate "A" per HNP-1-6310
78-3970	11-19-78	Repair Unit I RW centrifuge "A" log
78-3971	11-19-78	Check calibration of shell pressure indicator
78-3983	11-22-78	Check calibration of main stack flow recorder
78-4002	11-27-78	Replace nuts on 1ARPS M-G set wiring box
78-4010	11-21-78	Replace annunciator cords on 1H11-603
78-4035	11-21-78	Replace annunciator cord on 1H11-P650
78-4038	11-21-78	Replace pen on D/W torus delta P indicator
78-4040	11-21-78	Repair Unit 1 process computer
78-4072	11-27-78	Lighten clutch on TIP drive unit D
78-4101	11-29-78	Adjust limit switch on 1E51-F005