

OPERATING DATA REPORT

DOCKET NO. 50-366  
 DATE 11-5-78  
 COMPLETED BY S. Wilson  
 TELEPHONE 912-367-7781

OPERATING STATUS

1. Unit Name: Hatch - 2
2. Reporting Period: October 1978
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 820
5. Design Electrical Rating (Net MWe): 790
6. Maximum Dependable Capacity (Gross MWe): 820
7. Maximum Dependable Capacity (Net MWe): 790
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	745	2953	2953
12. Number Of Hours Reactor Was Critical	650.1	1447.5	1447.5
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	353.7	353.9	353.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	476087	476087	476087
17. Gross Electrical Energy Generated (MWH)	80430	80430	80430
18. Net Electrical Energy Generated (MWH)	69313	69313	69313
19. Unit Service Factor	N/A	N/A	N/A
20. Unit Availability Factor	N/A	N/A	N/A
21. Unit Capacity Factor (Using MDC Net)	N/A	N/A	N/A
22. Unit Capacity Factor (Using DER Net)	N/A	N/A	N/A
23. Unit Forced Outage Rate	N/A	N/A	N/A

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	_____	<u>7-4-78</u>
INITIAL ELECTRICITY	_____	<u>9-22-78</u>
COMMERCIAL OPERATION	<u>12-31-78</u>	_____

7811160110

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-366

UNIT Hatch - 2

DATE 11-5-78

COMPLETED BY S. Wilson

TELEPHONE 912-367-7781

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-17	17	-11
2	-15	18	-6
3	-16	19	-7
4	-16	20	-12
5	-15	21	64
6	-7	22	64
7	-16	23	208
8	0	24	176
9	-15	25	299
10	-15	26	301
11	26	27	290
12	124	28	277
13	133	29	143
14	160	30	250
15	215	31	132
16	193		

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. 50-366  
 UNIT NAME Hatch-2  
 DATE 11-5-78  
 COMPLETED BY S. Wilson  
 TELEPHONE 912-367-7781

REPORT MONTH October

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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Unit In Startup Testing

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or 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



NARRATIVE REPORT

HATCH 2

Oct. 1 Startup Testing  
Oct. 6 On Line 0930 CDT;  
Off Line 1135 CDT (GO-2-78-2)  
Oct. 7 Reactor Scram 2-78-10 on Rx Low Water Level 1205 CDT  
Oct. 8 On Line 1110 CDT for Remote Shutdown Tests - Off line  
1440 CDT (GO-2-78-3) - On Line 1505 CDT - Off Line  
1606 CDT (GO-2-78-4)  
Oct. 11 On Line 1242 CDT for Steady State  
Oct. 16 Off Line for Repairs on Torus to Drywell Vacuum  
Breaker Leaks 2202 CDT (GO-2-73-5)  
Oct. 17 Reactor Manually Scrammed 0100 CDT  
Oct. 21 On Line 0330 CDT; Reactor Scram 2-78-13 (GO-2-78-6) on  
Low Water Level Due to Failure of Reactor Feed Pump  
1358 CDT  
Oct. 22 On Line 1210 CDT  
Oct. 29 Reactor Scram 2-78-4 (GO-2-78-7) on Low Water Level  
due to Feedwater Loss 1100 CDT  
Oct. 30 On Line 0124 CDT  
Oct. 31 Rx. Scram 2-78-15 (GO-2-78-8) Due to Loss of Off Site  
Power Test

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 October.

HATCH 2 SAFETY-RELATED MAINTENANCE REQUESTS  
TO BE REPORTED FOR OCTOBER 1978

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
1908	10-21-78	Replace leaking gaskets on RPV SRV
1912	10-21-78	Replace leaking gaskets on RPV SRV
2228	10-3-78	Install wiring as per DCR 2-78-130 for D/W temp recorders
2845	10-20-78	Modify radwaste solidification system as per DCR 2-78-169
2846	10-20-78	Install panel covers for radwaste control room panel
2730	10-4-78	Investigate discharge flow to canal operation for possible malfunction
2772	8-28-78	Modify wiring to radwaste filters as per DCR 2-78-341
2794	9-29-78	Seal diesel gen. power cable penetrations in D/G swgr.
2875	10-4-78	Modify contact across L58 circuit as per DCR 2-78-234
2945	10-3-78	Investigate operation of IRM "E" detector
3056	10-3-78	Repair service water dilution valve
3094	9-30-78	Modify wiring on torus level and drywell pressure recorders
3107	10-24-78	Repair IRM "B"
3123	10-14-78	Repair RWCU "A" demin vent valve
3167	10-9-78	Reset limit switches for recirc MG set scoop tube positioner
3294	10-18-78	Repair D/W hydrogen and oxygen analyzers

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
3295	10-17-78	Reconnect cables NSA90N18 and NSA90N19 on offgas control panel
3357	10-21-78	Perform AOV modifications as per DCR 2-78-127
3362	10-18-78	Investigate "E" IRM and scram group indicator operation
3386	10-5-78	Perform preventive maintenance on RHR Pump 2C
3387	10-5-78	Perform preventive maintenance on RHR 2A
3412	9-30-78	Repair 2A1 air compressor
3416	10-5-78	Replace handwheel on RBCCW outlet to 2B MG set cooler
3434	10-10-78	Repair IRM A, IRM B, and IRM E
3443	10-1-78	Repair leaking D/W RHR discharge A loop gate MOV
3458	9-29-78	Investigate RHR 2B min. flow bypass valve operation
3468	9-30-78	Inspect RHR service water Hx discharge valve
3486	10-3-78	Replace relay 2G31-N603B on RWCU isolation logic
3492	10-3-78	Investigate and repair RCIC controller
3493	10-18-78	Clean 2E11-D003A (RHR) service water strainer
3503	10-4-78	Repack HPCI steam inlet MOV
3505	10-1-78	Install coupling on offgas equip. process drain sump pump back in place
3510	10-3-78	Investigate offgas cond. inlet drain (AOC) operation



<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
3518	10-3-78	Adjust limit sw's on RWCU system inbound iso. valve
3520	10-1-78	Clean RHR S/W pump's cooling water relief valve
3521	10-18-78	Reset S/W pump minimum flow valve controllers
3530	10-10-78	Remove damaged diffuser element from 10" flow control valve
3531	10-10-78	Modify RHR Sw Hx outlet valve as per DCR-2-78-329, R1
3542	9-30-78	Repair bulb sockets and replace bulbs 4160V Bus 2D
3548	10-2-78	Remove air regulator on condensate flush valve
3550	10-24-78	Flush RHR S/W cooling water relief valve
3551	10-10-78	Remove difusser element and install new gaskets on RHR service water Hx outlet MOV
3561	10-2-78	Adjust air regulator on spent resin pump disch valve
3563	9-30-78	Replace HPCI aux. oil pump filters
3464	10-2-78	Repair controller on offgas condensate drain AOV
3571	9-30-78	Repair broken wire on RHR S/W Div. II control valve
3572	10-4-78	Cal. RHR flow Indicator
3573	10-23-78	Seal water line on HPCI main pump
3574	10-2-78	Check 4th stage HTRA F/W disch press. recorder
3582	10-1-78	Replace control fuses on Rx water cleanup demin 2B holding pump

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
3586	10-5-78	Install temp. motor as per DCR-78-338
3589	10-4-78	Check Float Sw on offgas pi CH E, drain sump pump
3590	10-4-78	Check float sw on offgas Pi CH flr drain sum pump
3597	10-4-78	Inspect valve seat VHR Loop A pump disc valve
3600	10-4-78	Adjust packing on stdby PSW pump intake
3601	10-4-78	Check A & C RHR pumps cooling water PCV
3611	10-2-78	Clean stdby liquid control pumps
3619	10-18-78	Replaced loosened parts on RHR Hx sw outlet MOV
3624	10-11-78	Insulate 2E41-N014 valve
3631	10-20-78	Tightened wire on coil on the PSw dilution MOV
3652	10-5-78	Check oil level on 2B PSW Pump
3653	10-4-78	Replace amp in transmitter of EHC hydraulic fluid pressure indicator
3655	10-4-78	Repair R/W drum handling conveyor master panel bkr handle
3658	10-10-78	Recalibrtae A & B 4th stage Hrt outlet temp.
3663	10-18-78	Rethread inlet valve and line to the MSL C press. transx.
3664	10-24-78	Adjust air supply to vessel inlet isolation valve



<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
3669	10-18-78	Inspect brushes on RHR discharge to radwaste isolation valve
3670	10-18-78	Inspect brushes on RHR reactor head spray valve
3671	10-10-78	Replace amp in Rx water level indicator transmitter
3676	10-5-78	Change 2A D/G air compressor 2A2
3685	10-10-78	Clean torque sw on RHR heat exchanger vent valve
3690	10-9-78	Calb. sws E51-N017 & N018 delta P switches for steam supply line
3693	10-26-78	Clean seat rings of the CPSA inlet valve
3694	10-18-78	Inspect torus water temp recorder
3696	10-12-78	Inspect D/W equip. drain sump pump disch. valve
3698	10-18-78	Replace filter on recirc M-G set vapor extractor
3711	10-24-78	Change oil in 'B' CRD pump
3715	10-5-78	Tighten limit sw on RHR S/W disch. valve
3716	10-18-78	Inspect 2A RHR Hx level transmitter
3718	10-6-78	Replace seat and float on air release valve 2E11-F209A
3719	10-18-78	Reverse level transmitter 2E11N008A on RHR Hx level control valve
3723	10-23-78	Clean trash & dirt from turbine bldg. floor drain sump
3725	10-20-78	Adjust air regulator on PSW supply valve to D/W

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
3726	10-20-78	Adjust air regulator on PSW supply valve to D/W
3727	10-22-78	Repair wiring on Hi level sw on turbine bldg. ED sumps
3730	10-15-78	Replace weak sound cords on control Rm Rx control room
3732	10-5-78	Replace bolts on snubber ass. with 2E11-F068B
3733	10-12-78	Clean HPCI inboard isolation valve stem
3738	10-16-78	Replace fuse on R/W control Rm Panel
3739	10-15-78	Free stuck needle on steam packing ex. vacuum gauge
3748	10-23-78	Replace bolts that have vibrated out of flow control valve
3760	10-10-78	Adjust waste sludge phase separator valve
3762	10-24-78	Replace gasket for 2G31-F109A
3767	10-14-78	Add oil to 2B PSW pump
3771	10-9-78	Replace CRD drive water filter B
3776	10-9-78	Tighten allen screw on torque sw on the steam to RCIC turbine MOV
3780	10-24-78	clean solenoid valve on RWCU demin 2B outlet flow control valve
3787	10-18-78	Inspect spent resin pump suction valve
3790	10-24-78	Repair CRD pump motor "2A"
3793	10-15-78	Check hotwell level indicator
3798	10-11-78	Perform P/M on core spray pump

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
3799	10-17-78	Perform P/M on core spray pump
3805	10-12-78	Replace broken coupling on drywell equip drain sump pump
3811	10-14-78	Add oil to RHR service water pump "B"
3827	10-12-78	Clean water from "B" D/G standby PSW pump starter box
3828	10-12-78	Tighten loose cable on alarm "Podex System"
3833	10-20-78	Reset alarm "Powdex System Trouble"
3834	10-19-78	Test annunciator for High-speed mock alarm
3835	10-18-78	Clean and adjust limit switch on RCIC steam supply line isolation valve
3839	10-11-78	Adjust air valve pressure on FDF outlet valve
3843	10-16-78	Install light bulbs in hydrogen recombiner Heater
3849	10-23-78	Recalib. the RCIC EGM Box on turbine control
3852	10-23-78	Replace light bulb on computer display window
3863	10-18-78	Replace gasket on RWCU sightglass
3866	10-18-78	Replace fuse in car conveyor panel
3870	10-19-78	Inspect RWCU vessel A vent indicator
3875	10-19-78	Change contact action on "main turb. cond. tank trouble" alarm"
3883	10-18-78	Tighten loose contact on torque switch for RHR cross-tie valve for "B" valve



<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
3906	10-18-78	Install gauge on torus to drywell delta P system
3907	10-18-78	Change setpoints per HNP-2-3002
3910	10-19-78	Install temporary screens on 2T48-F200 per DCR-78-378
3915	10-23-78	Repair alarms 2H11
3918	10-24-78	Add water to DG battery Rm 2A
3924	10-17-78	Repair "B" APRM power range monitor
3927	10-18-78	Replace upper operators on Unit II HPCI airlock door
3928	10-20-78	Replace blower filter on recirc MG set oil mist eliminator
3929	10-23-78	Install repair kit on solenoid valve
3930	10-23-78	Calibrate 2N38-R601B
3933	10-26-78	Calibrate 2N38-R608A
3937	10-25-78	Install sightglass on CRD Pump A motor
3946	10-23-78	Repair faulty sw on safety relief valve
3951	10-23-78	Replace limit sw on vacuum bkr ck. valve
3969	10-19-78	Check vibration on plant service water pump
3975	10-26-78	Repair 2C11-F290
3982	10-23-78	Repair fuel oil level Hi/Lo or tank water detector alarm
3993	10-23-78	Replace relay on rod block alarm
3994	10-21-78	Vent air lines on core spray minimum flow bypass valve