

# OPERATING DATA REPORT

DOCKET NO. 50-366 R  
 DATE 10-5-78  
 COMPLETED BY S. M. Wilson  
 TELEPHONE (912) 367-7781

## OPERATING STATUS

1. Unit Name: Hatch - II
2. Reporting Period: September 1978
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 820
5. Design Electrical Rating (Net MWe): 795
6. Maximum Dependable Capacity (Gross MWe): 820
7. Maximum Dependable Capacity (Net MWe): 795
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	2208	2208
12. Number Of Hours Reactor Was Critical	321.08	797.38	797.38
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0.16	0.16	0.16
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	0
17. Gross Electrical Energy Generated (MWH)	0	0	0
18. Net Electrical Energy Generated (MWH)	0	0	0
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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
_____	7-4-78
_____	9-22-78
12-31-78	_____

7810170142

(9/77) 1006  
 10/5/1  
 0

# AVERAGE DAILY UNIT POWER LEVEL

UNIT NO. 50-366  
 UNIT Hatch II  
 DATE 10-5-78  
 BY S. M. Wilson  
 PHONE 912-367-7781

MONTH Sept.

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

DAY	AVERAGE DAILY POWER LEVEL
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	

## 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 SHUTTING AND POWER REDUCTIONS

DOCKET NO.

50-366

DATE

March 12

TIME

1:00 PM

COUNTED BY

S. J. [illegible]

TELEPHONE

[illegible]

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

POOR ORIGINAL

<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

(9/77)



NARRATIVE REPORT  
UNIT II

Sept. 1	Rx In Cold Shutdown for Drywell Repair
Sept. 16	Rx. Critical 1245 CDT
Sept. 18	Manual Rx. Scram Due to Vibration 1334 CDT
Sept. 18	Rx. Critical 1858 CDT
Sept. 21	Rx. Scram Due To Full Rod Group 1 Isolation In RUN Mode 0916 CDT
Sept. 22	Generator On Line 1616 CDT
Sept. 22	Manual Trip Off Line As Part of Startup Testing 1630 CDT
Sept. 29	Rx. Scram Due to Low Rx. Water Level 0221 CDT
Sept. 29	Rx. Critical 0630 CDT
Sept. 29	Rx. Scram Due to Personnel Error While in Calibration Procedure 1000 CDT
Sept. 29	Rx. Critical 1310 CDT
Sept. 30	Rx. Scram Due to APRM Upscale Trip 1849 CDT
Sept. 30	Rx. Critical 2352 CDT

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 2 SAFETY - RELATED MAINTENANCE REQUESTS  
TO BE REPORTED FOR SEPTEMBER 1978

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
832	9-26-78	Install and Test Equipment as per DCR 2-77-233
2824	8-15-78	Investigate Saturation Problem of RCIC Control Loop
2825	8-15-78	Investigate Saturation Problem of HPCI Control Loop
2826	9-13-78	Check Actuator for Core Spray Ing. Testable Check Valve
2873	8-29-78	Implement Changes of Instrumentation on Remote Shutdown Panel as Per DCR 78-159
2897	9-1-78	Repair Thermocouple Past SRV 2B21-F013A
2900	9-1-78	Investigate Breaker Trips when Opening RHR Hx Outlet Valves
2906	9-23-78	Clean Mixing Spargers of Waste Sludge Phase Separator Tank
2930	9-23-78	Repair Leaking MSL Drain Valve
2933	9-12-78	Repair 1B RWCU Pump
2940	9-23-78	Investigate Calibration of "Rx Water Inlet and Outlet Conductivity" Monitor
2946	9-22-78	Inspect RWCU Resin Trap Vent Valve
2948	9-4-78	Repair Leak in RWCU Precoat Pump Manual Isolation Valve
2953	9-7-78	Adjust Limit Switch on D/W Makeup 2" Isolation Valve
2954	9-1-78	Repair Wiring at 4KV Bus 2A OCR & WHM CT (2000/s Connections)
2974	8-22-78	Inspect Rx Feedwater Line

2984	9-15-78	Inspect DCV Vent & Drain Valves
3004	9-23-78	Repair MSL Drain Valve Leak
3005	9-23-78	Repair Steam Leak on MSL Leakage Control System
3014	9-16-78	Repair Limit Switch on MSL Isolation Valve 22B
3020	9-23-78	Investigate Rod Drift Indicator
3023	9- 78	Repair Steam Leak On Drain line In Drywell
3024	9-3-78	Repair Rx Mode Switch
3040	9-14-78	Repair Waste Sample Tank Pump B Oil Leak
3059	9-5-78	Investigate "Contaminated Exhaust Radiation" Monitor
3061	9-15-78	Recalibrate Barton's 2B21-N017A,B,C,D, and GEMAC's 2C32-N004A,B,C
3071	9-9-78	Remove Deleted Cables NSA90N19 and NSA90N18
3072	9-18-78	Disconnect Deleted Cable AAE323M03
3085	9-5-78	Repair Waste Surge Tank Recirc Valve
3118	9-11-78	Repair Packing Leak on RHR Service Water Crosstie Valve
3133	9-1-78	Repair RHR Suction Pressure Gauge
3136	8-31-78	Retorque SRV Discharge Flanges
3148	9-9-78	Reroute Cable to Drywell Pressure Switch Connection Box
3152	8-29-78	Install Wiring of D/W to Torus Valve (2T48-F210) Relays
3154	9-13-78	Repair Torus Purification Valve (2G1-F013)
3158	8-31-78	Repair Cap on Recirc Line "A" Test Connection



3170	9-10-78	Repair RHR Heat Exchanger Outlet Valve
3175	9-12-78	Replace RWCU Pump B Oil Fitting
3177	9-23-78	Repair RWCU Demin Isolation Valve 2G31-F052B
3182	9-7-78	Repair "Drywell/Torus Temp" Recorder
3184	9-5-78	Adjust RWCU B Outlet Isolation Valve Operator
3203	9-12-78	Repair Leaks on CPS Inlet Valve (2G11-F211A & B)
3205	9-15-78	Inspect 2P41 Piping to HPCI Area Coolers
3208	9-15-78	Set Limit Switch of Rx. Bldg. Exhaust Train Inlet Damper
3211	9-19-78	Prepare Torus & Torus Support System as per TER 78-09
3212	9-2-78	Replace Rx. Yarway Level Lo Switch
3213	9-17-78	Repair AOV D/W Equip. Sump Isolation Valve Shaft Binding.
3217	9-13-78	Install Protective Cover Over Gen. A/Alt/Gen B PWR source Select Switch
3223	9-12-78	Replace Annunciator Windows of "Torus High Pressure" with Correct Label "Drywell High Pressure"
3225	9-23-78	Preventive Maint. On Standby Liquid Control Pumps
3228	9-8-78	Inspect Recirc Loop Sample INRD Valve
3233	9-11-78	Inspect D/W Mechanical Snubbers - 2E11, 2E41, 2G31 Systems
3235	9-17-78	Recouple Rx. Bldg. Equip. Drain Sump Pumps to Motors
3238	9-8-78	Recouple Waste Precoat Tank Agitator to Motor Shaft
3248	9-14-78	Replace Oiler for BWRT Transfer Pump

3252	9-8-78	Repair "B" Waste Sample Tank Fill Valve Seating
3253	9-8-78	Set Limit Switch's on CPSB Inlet Valve
3254	9-12-78	Replace Fuel Pool Cooling System to Waste Surge Tank Valve
3257	9-8-78	Repair Waste Collector Tank Pump
3260	9-13-78	Inspect RWCU Outboard Isolation Valve
3261	9-12-78	Repair "RFPT 2A Thrust Wear Trip Lockout" Alarm
3262	9-12-78	Replace Indicator Light of "RFPT 2B Tripped" Annunciator
3263	9-12-78	Check "Main Stm Third Stg. SJAE "A" Flow Low" Annunciator
3266	9-12-78	Replace Indicator Light for "RFPT 2A Speed Zero" Annunciator
3267	9-2-78	Replace Indicator Light of "Rx Building Equipment Drain Sump Hi Temp" Annunciator
3280	9-21-78	Preventive Maint. On Diesel Generator 2C
3281	9-25-78	Preventive Maint. on Diesel Generator 2A
3283	9-7-78	Investigate Multipoint Recorder 2T47-R626
3284	9-12-78	Repair Multi-Temp. Recorder for D/W & Torus Temps.
3287	9-16-78	Replace Indicator Light of "Condensate Transfer Pump C001A Press. Lo" Annunciator
3293	9-12-78	Repair Packing of Standby Plant Service Water Pump for D/C 1B
3299	9-23-78	Check "Radwaste Eff. Mon. Dwnsel. or Inop" Annunciator



3300	9-25-78	Replace Parts on Rx. Head Vent Valve Actuators as per DCR 78-259
3313	9-25-78	Modify support for Recirc B Suction Line as per Civil DCR 2BC-382
3321	9-23-78	Check D/W Nitrogen Makeup 2" Isolation Valve Operation
3322	9-15-78	Rewire Drywell/Torus Temp. Recorder
3334	9-17-78	Check Drywell/Torus Abnormal Pressure Recorder Operation
3336	9-11-78	Preventive Maint. on RHR Pump 2D
3337	9-11-78	Preventive Maint. on RHR Pump 2B
3345	9-22-78	Install Breaker Flanges as per DCR 78-297
3346	9-14-78	Modify HPCI Pump Room Coolers as per DCR 78-304
3347	9-15-78	Replace Controller of Waste Surge Pump Discharge Valve
3348	9-23-78	Repair Heat Exchanger Outlet Valve
3349	9-23-78	Repair Heat Exchanger Inlet Valve
3351	9-15-78	Adjust Limit Switches of Testable check Valve Bypass Valve
3356	9-21-78	Repair Turbine Lube Oil Level Indicator
3363	9-17-78	Check Air Leak on MSRV "M"
3364	9-22-78	Check Suction Relief Valve on 2 DRHR Pump Operation
3365	9-23-78	Adjust Packing in RHR "B" Heat Exchanger Inlet Valve
3366	9-15-78	Repair Water Leak on HPCI Room Cooler
3370	9-15-78	Repair Breaker FDR Isolation of 2G31-F004
3371	9-15-78	Set Limit Switch in D/W Vacuum Breaker 2L

3375	9-26-78	Repair Switch on Turb. Bldg. Ed. Sump Pumps
3379	9-25-78	Adjust Packing at RWCU Demin "B" Outlet Valve
3380	9-19-78	Adjust Packing on RWCU Demin "A" Inlet AOU
3383	9-19-78	Adjust Limit Switches as per DCR 78-309
3385	9-23-78	Repair Leak on RWCU Regenerative Heat Exchanger
3394	9-23-78	Repair Torus Purification Valve
3402	9-24-78	Modify Core Spray Piping Supports & Hangers as per DCR 78-315
3410	9-19-78	Repair 2T41-R620 Recorder
3415	9-23-78	Recalibrated 2T48-R609 Recorder
3418	9-22-78	Adjust Diesel 2C Jacket Cooling Water Thermostat
3419	9-22-78	Adjust Diesel 2C Jacket Cooling Water Thermostat
3420	9-23-78	Repair Digital Millivolt Meter pm A & B Recirc Pump
3433	9-28-78	Recalibrate SQRT Converter
3446	9-27-78	Check Tubing Connections on Reactor Level Instruments
3450	9-25-78	Repair Plant Service Water Strainer
3465	9-22-78	Calibrate RPV Level
3494	9-26-78	Repair Drywell Temp. Recorder 2T47-R626
3517	9-26-78	Check CBWRT Transfer Pump Suction Valve Operation
3519	9-25-78	Check RWCU Demin Bypass Operation
5485	9-25-78	Check Main Steam Tunnel Temp. Monitors