

OPERATING DATA REPORT

DOCKET NO. 50-366
 DATE 3-5-79
 COMPLETED BY S. Wilson
 TELEPHONE 912-367-7781

OPERATING STATUS

1. Unit Name: HATCH 2
2. Reporting Period: February
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 817
5. Design Electrical Rating (Net MWe): 784
6. Maximum Dependable Capacity (Gross MWe): 749
7. Maximum Dependable Capacity (Net MWe): 716

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

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>672</u>	<u>1416</u>	<u>5833</u>
12. Number Of Hours Reactor Was Critical	<u>318.8</u>	<u>341.8</u>	<u>2974.3</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>273.4</u>	<u>273.4</u>	<u>1959.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>379741</u>	<u>380753</u>	<u>2386694</u>
17. Gross Electrical Energy Generated (MWH)	<u>113440</u>	<u>113440</u>	<u>650040</u>
18. Net Electrical Energy Generated (MWH)	<u>106007</u>	<u>102029</u>	<u>595561</u>
19. Unit Service Factor	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
20. Unit Availability Factor	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
21. Unit Capacity Factor (Using MDC Net)	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
22. Unit Capacity Factor (Using DER Net)	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
23. Unit Forced Outage Rate	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

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	<u> </u>	<u>7-4-78</u>
INITIAL ELECTRICITY	<u> </u>	<u>9-22-78</u>
COMMERCIAL OPERATION	<u>4-1-79</u>	<u> </u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-366

UNIT Hatch 2

DATE 5-3-79

COMPLETED BY S. Wilson

TELEPHONE 912-367-7781

MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>-12</u>
2	<u>49</u>
3	<u>225</u>
4	<u>262</u>
5	<u>308</u>
6	<u>617</u>
7	<u>309</u>
8	<u>91</u>
9	<u>290</u>
10	<u>320</u>
11	<u>340</u>
12	<u>404</u>
13	<u>665</u>
14	<u>626</u>
15	<u>-10</u>
16	<u>-6</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>-6</u>
18	<u>-5</u>
19	<u>-5</u>
20	<u>-5</u>
21	<u>-5</u>
22	<u>-5</u>
23	<u>-5</u>
24	<u>-6</u>
25	<u>-6</u>
26	<u>-5</u>
27	<u>-5</u>
28	<u>-5</u>
29	<u></u>
30	<u></u>
31	<u></u>

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 February

DOCKET NO. 50-366
 UNIT NAME Hatch 2
 DATE 3-5-79
 COMPLETED BY S. Wilson
 TELEPHONE 912-367-7781

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
79-01	2-1-79	S	24.5	B	1		RA	XXXXXX	Dryer Modification Outage
79-02	2-1-79	F	12.0	A	3		CH	PUMPXX	Rx Scram on Low Water Level Following Loss of Booster Pump
79-03	2-7-79	F	12.8	B	3		CH	PUMPXX	Rx Scram on Low Water Level Following RFPT Trip
79-04	2-8-79	F	11.1	G	3		HA	RELAYX	Rx Scram on TSV Fast Closure Due to Relay Maintainance
79-05	2-14-79	F	338.2	B	3		CD	VALVEX	While not in Cut-Out MSIV Test - Cold Shutdown Due to Damage

¹
 F: Forced
 S: Scheduled

²
 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)

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
HATCH 2

Feb. 2	On line following dryer modification outage 0030 CST
Feb. 2	Rx. scram 2-79-01 (GO-2-79-1) on low water level 0207 CST
Feb. 2	On line 1404 CST
Feb. 7	Rx. scram 2-79-02 (GO-2-79-2) on low water level 1352 CST
Feb. 8	On line 0243 CST
Feb. 8	Rx. scram 2-79-03 (GO-2-79-3) on TSV fast closure 1151 CST
Feb. 8	On line 2259 CST
Feb. 14	Rx. scram 2-79-04 (GO-2-79-4) on MSIV test 2148 CST
Feb. 15	Repair of MSIV test damage

Following the compilation of Health Physics Dosimetry Records, it was found that 10 employees received doses exceeding 10% of our annual allowable limits. The exposures were received as a result of a recent steam dryer modification outage and were recorded as follows:

Employee	mr
1	1440
2	1666
3	1381
4	1477
5	1421
6	1502
7	1204
8	1368
9	1232
10	1829

MR	Date	Description
2-78-57	2-11-79	Repaired bend in spent fuel storage rack
2-78-1514	2-9-79	Cleaned and replaced filters on exhaust/muffler control valve on MSIV air manifold
2-78-2390	2-21-79	Repaired RWCU manual isolation "knocker" valves
2-78-2610	2-21-79	Reinstalled all exposed tubing for RWCU instrument tubing in holding pump room
2-78-3130	2-21-79	Repaired RWCU resin trap backwash air booster
2-78-3234	2-2-79	Installed pigtail in sensing lines for MSIV leakage control press. transmitters
2-78-3400	2-6-79	Added a low dilution flow annunciator to the radwaste main control panel
2-78-3457	2-3-79	Repaired oil leak on inboard shaft seal for lube oil pump 2A2
2-78-3529	2-1-79	Repaired recirc seal cooling water thermocouple monitor
2-78-3680	2-3-79	Repaired temp. elements on drywell temp. indicator located on RSDP
2-78-3681	2-3-79	Repaired drywell temp recorder Pt. #9 in control panel
2-78-3682	2-3-79	Repaired drywell temp. indicator located on RSDP
2-78-3697	2-3-79	Cleaned and rebuilt valve 2G11-F018
2-78-3702	2-13-79	Repaired cond. transfer pump CO01B press. low
2-78-3772	2-5-79	Replaced SRV solenoid valve with new one
2-78-3885	2-21-79	Calibrated 40-300 psig gauges for RWCU pump cooling water supply
2-78-3979	2-6-79	Repaired flow indication on the controllers for steam flow to 3rd stage SJAE's.
2-78-3992	2-24-79	Repaired recirc pump suction 2B valve
2-78-4303	2-3-79	Removed motor to isolation valve T48-F027

2-78-4355	2-22-79	Performed HNP-2-6615 on control bldg. HVAC system
2-78-4364	2-3-79	Repaired N2 leak on isolation valve going to TIP system
2-78-4415	2-3-79	Investigated drywell temp. instrumentation
2-78-4419	2-3-79	Replaced handwheel on HPCI airlock door
2-78-4466	2-3-79	Installed two orifices on RHR service water pipe line
2-78-4568	2-3-79	Replaced wire on SJAE low steam flow alarm
2-78-4682	2-3-79	Investigated and repaired Yarway level instrument
2-78-4683	2-3-79	Performed HNP-2-3101 on Yarway level instrument
2-78-4782	2-3-79	Removed reactor cavity shield plugs
2-78-4732	2-5-79	Calibrated watt-hour meters for 4160V busses 2A & 2B
2-78-4796	1-30-79	Repaired reset to manual relief valve 2821-F013F
2-78-4803	2-4-79	Installed new gasket in the trip throttle M.O. valve
2-78-4844	2-3-79	Removed dryer separator equipment pool plugs
2-78-4845	2-7-79	Removed drywell head per HNP-2-6705
2-78-4846	1-31-79	Removed reactor pressure vessel head piping per HNP-2-6710
2-78-4849	1-31-79	Installed RPV vessel head per HNP-2-6720
2-78-4909	1-29-79	Investigated drywell and torus temp. recorder, Point #3
2-78-4913	2-10-79	Reset ramp generator ramp time per HNP-2-5287
2-78-4933	2-4-79	Repaired leak on middle seal water line on main pump
2-78-4936	2-3-79	Replaced probe in drywell for control rod indication display correction
2-78-4963	2-19-79	Repaired MAC valve stored in warehouse

2-78-5086	2-2-79	Rewired equalizing timer switch on station service battery charger 2R42-S031
2-78-5132	2-3-79	Adjusted the alarm switch for the HPCI inlet drain pot high level switch
2-78-5222	1-26-79	Cleaned the crystals from the standby liquid control pumps 2C41-C001A
2-78-5224	1-26-79	Cleaned the crystals from the standby liquid control pump 2C41-C001R
2-78-5259	2-6-79	Calibrated primary containment hi/low press alarm per HNP-2-5202
2-78-5284	2-3-79	Reworked piping from gearbox to main pump bearings for HPCI pump
2-78-5300	2-13-79	Investigated LPRM downscale alarm
2-78-5307	2-24-79	Investigated rod block monitor "B"
2-78-5325	2-3-79	Tightened flange to stop leak on "B" RHR pump discharge restricting orifice
2-78-5336	1-29-79	Readjusted isolation stem on Plenum vent valve vessel 2A RWCU
2-78-5347	2-3-79	Repaired partial sticking of reactor mode switch
2-78-5348	1-30-79	Repaired packing leak on recirc pump "A" discharge valve
2-78-5381	2-3-79	Replaced annunciator card for annunciator 2H11-P659
2-79-22	2-24-79	Investigated failure to main open of isolation valve 2P41-F316C
2-79-69	2-9-79	Replaced mechanical seal on RHR sw pump 2B
2-79-82	2-3-79	Repaired turbine trip valve limit switch
2-79-89	2-21-79	Repaired generator primary Volts/Herz Relay
2-79-131	2-3-79	Replaced stem on recirc pump "A" discharge valve
2-79-133	2-6-79	Installed two digigauges of 0-2000 psig for warranty run prior to startup
2-79-135	1-31-79	Removed and installed insulation of R/F bellows

2-79-149	1-25-79	Repaired air leak from inlet valve to Rx. Bldg. chiller condenser
2-79-164	2-9-79	Investigated "B" IRM 2C51-R601B
2-79-167	2-3-79	Readjusted operating time of H2 recombiner system "A" MOV
2-79-169	1-26-79	Calibrated 2A diesel generator jacket coolant heater
2-79-179	2-6-79	Completed wiring for chemical addition tank low level alarm
2-79-186	2-6-79	Removed strainers from condensate B/W receiving tank transfer pumps
2-79-189	1-29-79	Replaced card for annunciator 2H11-P659
2-79-196	1-25-79	Installed replacement connector on feedwater delta P cell
2-79-218	2-7-79	Backfilled instrument legs with water to investigate head correction problems on the HPCI steam line hi D.P. Barton
2-79-219	2-7-79	Backfilled instrument legs with water to investigate head correction problems on the HPCI steam line hi D.P. Barton
2-79-229	1-26-79	Visually inspected F031B, F023A, and F023B valves
2-79-235	1-30-79	Removed and replaced steam separator per HNP-2-6730
2-79-245	2-3-79	Repaired suppression chamber hi level alarm
2-79-265	2-3-79	Repaired turbine bldg. chilled water safety shutdown annunciator
2-79-269	2-22-79	Calibrated 2C diesel generator volt meters
2-79-272	2-3-79	Repaired packing leak on valve 2G31-F136
2-79-274	2-3-79	Investigated APRM "F" 2C51-R603F
2-79-289	2-24-79	Replaced alarm card for unit aux. transfer 2B fault pressure alarm
2-79-290	1-31-79	Investigated main stop valves 1 & 4 closed annunciator

2-79-291	2-3-79	Replaced light bulbs in steam seal press. low annunciator light
2-79-294	2-8-79	Replaced filters on 2A diesel air compressors
2-79-297	1-30-79	Removed control rod drive 18-15 and associated thermal sleeve per HNP-2-6100
2-79-303	2-1-79	Removed grating for LVDT installation
2-79-305	2-24-79	Performed friction test on control rod 18-15
2-79-306	2-3-79	Installed a blanking flange after removing control rod drive 18-15 and its thermal sleeve
2-79-318	1-30-79	Checked operation of RCIC flow controller
2-79-329	2-4-79	Cleaned contacts of "B" flow unit alarm
2-79-331	2-11-79	Investigated the equip. drain sump high level alarm
2-79-332	2-14-79	Repaired the floor drain filter 2G11-DO22 hi-cond alarm
2-79-340	1-30-79	calibrated RCIC turbine speed indicator per HNP-2-5233
2-79-341	1-30-79	Calibrated turbine speed indicator
2-79-347	1-31-79	Repaired air leak from core spray testable check valve
2-79-349	2-5-79	Pressure tested A & B SBLC Nitrogen accumulators
2-79-352	2-3-79	Repaired leak from RHR Loop B discharge to vessel testable check valve
2-79-353	2-3-79	Repaired packing leak on HPC1 inboard isolation valve
2-79-355	2-3-79	Repaired RHR outboard isolation valve for RHR injection
2-79-361	2-3-79	Tightened packing glands on valve 2B31-F023B
2-79-362	2-3-79	Adjusted packing on valve 2B31-F031A
2-79-363	2-3-79	Adjusted packing on valve 2B31-F031B

2-79-364	2-3-79	Repaired leaking on RHR injection check valve
2-79-365	2-4-79	Repaired leaky packing on HPCI inboard isolation valve
2-79-366	2-3-79	Investigated reading on drywell/torus temp recorder, Point #3
2-79-367	2-3-79	Repaired packing leak on RHR injection check valve
2-79-371	2-14-79	Cleaned the 2A diesel batteries to remove outer surface acid
2-79-372	2-14-79	Cleaned the 2A diesel batteries to remove outer surface acid
2-79-374	2-3-79	Replaced Lundell card in annunciator 2H11-P659
2-79-380	2-3-79	Adjusted brake on Rx. recirc pump 2B suction valve
2-79-393	2-3-79	Investigated RCIC turbine master controller problems
2-79-394	2-3-79	Repaired intermittent ground on annunciators 2H11-P650, 651, 652, 659
2-79-395	2-3-79	Adjusted closure speed on outboard MSIV
2-79-397	2-3-79	Changed out bottle of H2 reagent gas on H2 analyzer
2-79-401	2-3-79	Replaced relay for "B" Rx. H2O level GE/MAC
2-79-405	2-3-79	Calibrated torus level switches
2-79-406	2-3-79	Checked for pos. ground on 2A 125/250 station service batteries
2-79-408	2-16-79	Installed strongbacks on the drywell airlock doors for the SSRT
2-79-415	2-9-79	Repaired the CWP flume level low alarm
2-79-425	2-9-79	Repaired amp for RHR steam condensing controllers
2-79-427	2-22-79	Repaired cond. backwash transfer pump suction valve

2-79-432	2-7-79	Replaced fuse for breaker 2N11-F002B
2-79-439	2-7-79	Cleaned and repaired RHR "B" Hx level control isolation to RC1C suction MOV
2-79-440	2-7-79	Rebuilt RHR "B" Hx steam pressure reducing isolation MOV
2-79-441	2-22-79	Adjusted packing on valve 2C11-F006
2-79-443	2-11-79	Investigated and repaired valve 2G11-F030
2-79-450	2-9-79	Repaired pump "A" seal staging flow hi/lo annunciator
2-79-454	2-12-79	Repaired brushes on HPC1 steam line isolation valve
2-79-455	2-7-79	Repaired leak on primary coolant sample line
2-79-460	2-24-79	Investigated static inverter 2B21-K801B
2-79-466	2-9-79	Replaced annunciator card for annunciator 2H11-P602
2-79-468	2-13-79	Repaired leaking MSIV LCA MSL low pressure transmitter
2-79-470	2-8-79	Changed filter media on refueling floor area heaters
2-79-473	2-6-79	Investigated drift alarm for control rods 18-39 and 34-39
2-79-474	2-13-79	Replaced door lock mechanism on recirc loop B suction valve
2-79-475	2-6-79	Repair Rx. press. to 500 psig alarm relays
2-79-485	2-18-79	Replaced card for annunciator 2H11-P659
2-79-487	2-9-79	Repaired 3rd stage SJAE low flow annunciator
2-79-490	2-8-79	Checked oil in core spray jockey pumps
2-79-497	2-9-79	Realigned gears on print mechanism for C/R multipoint recorder
2-79-498	2-9-79	Replaced printwheel and applied ink to inkpads on recorder 2T41-R630

2-79-505	2-8-79	Replaced card for HPCI turbine inlet drain pot hi level annunciator
2-79-507	2-18-79	Checked setpoints on alarm 2H11-P650
2-79-513	2-13-79	Adjusted paper on torus level and D/W pressure recorder
2-79-514	2-13-79	Repaired control rod 42-11 position indicator
2-79-532	2-11-79	Put 1/2 pint of Harmony 68 into #2 floor drain collector pump
2-79-534	2-14-79	Rearranged North Tifton Line metering instrumentation per drawing H23977 Rev 2
2-79-539	2-8-79	Repaired torus water level transmitter
2-79-541	2-21-79	Investigated and repaired RPV feedwater inlet temp elements to the process computer
2-79-542	2-13-79	Calibrated torus water level/drywell pressure recorder
2-79-548	2-24-79	Adjusted fission product hi/low flow for correct vacuum
2-79-563	2-24-79	Repaired generator stator temp. hi alarm
2-79-581	2-17-79	Welded back "B" RHR sw system discharge line vent valve
2-79-582	2-18-79	Cleaned print wheel on C/R multipoint recorder 2T41-R620
2-79-584	2-18-79	Repaired control switch for valve 2N11-F002A
2-79-597	2-15-79	Replaced blown fuse for CAS D/G room exhaust fan
2-79-601	2-22-79	Repaired intake valve on station service air compressor 2B
2-79-619	2-22-79	Tightened limit arm and adjusted limit switch on valve 2G11-F141
2-79-620	2-19-79	Filled WCF holding pump with oil
2-79-624	2-24-79	Replaced limit switch on drywell vacuum breaker
2-79-635	2-24-79	Added 1/2 pint of Gulfcrest 44 to lower bearing of RHR pump "D" motor

2-79-646	2-16-79	Replaced blown bulbs in annunciator 2H11-P700
2-79-649	2-17-79	Added 1 pint of Gulf Harmony 115 oil to upper bearing of 2D RHR pump motor
2-79-655	2-22-79	Added oil to the RCIC turbine lube oil system
2-79-656	2-24-79	Repaired bulb on Multipoint temp recorder 2H11-R611
2-79-684	2-18-79	Changed wiring on drywell pneu. inlet isolation valve position indication lights
2-79-685	2-24-79	Repaired valve solenoid 2P70-F004
2-79-693	2-24-79	Adjusted travel time on valve 2T48-F104
2-79-695	2-25-79	Repaired broken cable to IRM "C" recorder 2H11-P603
2-79-707	2-24-79	Replaced switch on drywell vacuum breaker
2-79-712	2-24-79	Adjusted limit switches on core spray injection bypass valve
2-79-713	2-24-79	Investigated and repaired ADF bypass valve 2E11-F122B
2-79-717	2-23-79	Added oil to condensate transfer pump B
2-79-721	2-24-79	Replaced light bulbs in drywell to torus low delta P "A" alarm
2-79-724	2-24-79	Adjusted micro switch on the torus to drywell vacuum breaker
2-79-732	2-24-79	Checked HPCI steam suction pressure switches
2-79-733	2-16-79	Inspected outside of torus
2-79-736	2-22-79	Repaired reactor bldg. supply drain filter
2-79-746	2-24-79	Loosened 2B recirc pump discharge valve to eliminate binding on seat
2-79-755	2-21-79	Performed inspection of feedwater piping inside the turbine bldg.

2-79-775	2-24-79	Adjusted ink wheel on C/R multipoint temp recorder
2-79-783	2-24-79	Repaired RWCU inlet flow transmitter
2-79-798	2-23-79	Removed manhole covers on R/W tanks