

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Hatch - 2
2. Reporting Period: January
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): 716
7. Maximum Dependable Capacity (Net MWe): \_\_\_\_\_
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
Changed To Reflect New Utility Ratings

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	744	5161
12. Number Of Hours Reactor Was Critical	23.0	23.0	2655.5
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	0	1386.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1012	1012	2006953
17. Gross Electrical Energy Generated (MWH)	0	0	536600
18. Net Electrical Energy Generated (MWH)	-3978	-3978	489534
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			
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: \_\_\_\_\_

	Forecast	Achieved
INITIAL CRITICALITY	_____	7-4-78
INITIAL ELECTRICITY	_____	9-22-78
COMMERCIAL OPERATION	3-1-79	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-366  
 UNIT Hatch -  
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MONTH January

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

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 January

DOCKET NO. 50-366  
 UNIT NAME Hatch - 2  
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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
79-01	1-1-79	S	744.0	B	1		RA	XXXXXXX	Dryer Outage - Modification

<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 SUMMARY

HATCH 2

Jan. 1            Dryer Modification Outage In Progress

Jan 31            Rx. Critical 0058 CST

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 January.

HATCH 2 SAFETY RELATED MAINTENANCE REQUESTS  
TO BE REPORTED FOR JANUARY 1979

Number	Date Completed	Description
78-2870	1-18-79	Remove copper wire from shims, add shims and adjust to .010 clearance
78-3076	11-6-78	Investigate RTD's 2T47 NO02, 3, 9 10, 14, and 15 calibrate as needed
78-3077	11-6-78	Install ductwork, fans support devices, etc. per DCR 78-270
78-3079	11-6-78	Rework cables TFE315M01 and TFE416M01 per DCR-270
78-3080	11-6-78	Install switches, lights, and internal wiring in panels 2H11-P654 and 2H11-P657 per DCR 78-270
78-3292	1-16-79	Investigate and repair drywell temp. recorder
78-3569	12-27-78	Calibrate RCIC flow controller at remote shutdown panel
78-3642	1-3-79	Investigate and repair turbine bldg. steam leak detection switches
78-3754	1-15-79	Calibrate switches as per HNP-2-5234
78-3766	1-16-79	Replace diaphragm, inspect and adjust spring tension on core spray bypass valve
78-3958	1-17-79	Investigate and repair red light in testable check valve 2E21-FC0613
78-4129	1-17-79	Install a flow gauge in the cooling water supply to the RWCU pumps

HATCH 2 SAFETY RELATED MAINTENANCE REQUESTS  
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Number	Date Completed	Description
78-4175	1-15-79	Check heater breaker and heater to determine why jacket coolant will not stay within limits of - 110 degrees F
78-4414	1-22-79	Re-route cable so as not to interfere with D/G 2A LOSP alarm switch
78-4432	1-10-79	Disconnect cables TFE416M01, TFE416M02, TFE315M01, TFE315M02 and tag as spares
78-4501	1-23-79	Investigate and repair non-opening of 2G31-F076A air inlet valve
78-4541	1-19-79	Check covers on B21 switches
78-4605	1-16-79	Repair seal on outboard MSIV hydraulic snubber
78-4641	1-11-79	Repair valve on air inlet vessel 2A
78-4740	1-23-79	Repair non-opening of ex. H2O cleanup system vessel A plenum vent valve
78-4753	1-18-79	Inspect all plant fire barriers per fire evaluation drawings.
78-4768	1-11-79	Repair points on multiterinter temperature recorder



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Number	Date Completed	Description
78-4848	1-9-79	Remove RPV head in accordance with HNP-2-6720 for work on steam dryer
78-4906	1-23-79	Inspect and repair RWCU vessel B inlet outboard isolation valve
78-4947	1-7-79	Modify door handles on CAB airlock doors 2R29 & 2R26
78-4983	12-22-78	Repair fire seals in RPS MC and cable spreading rooms
78-4985	12-22-78	Repair fire seals at cable trays 2RLA703 and 2RKX701 in Rx. Bldg.
78-5009	1-15-79	Install 3 hr. fire rated silicone foam seals in penetrations
78-5031	1-6-79	Clean the piston shaft on the snubber in main steam line turbine bldg.
78-5087	1-2-79	Tighten packing of MDV steam supply to RCIC
78-5131	1-14-79	Install a partition between each RWCU pump and motor per DCR 78-429
78-5134	1-16-79	Investigate and repair safety blowdown valve leaking alarm
78-5173	1-8-79	Investigate and repair 125/250 battery charger 2A

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Number	Date Completed	Description
78-5176	1-6-79	Repair and calibrate red pen on RBM "B" recorder
78-5180	1-3-79	Check FPC system skimmer surgetank "A" low level alarm
78-5185	1-25-79	Tighten multipoint temp. recorder RG11 high temp. alarm microswitch
78-5186	1-19-79	Install new insulation around valve bonnet
78-5187	1-5-79	Replace bent 5/8" all thread rod on operator support hanger
78-5193	1-1-79	Investigate and repair multipoint recorder on 2H11-P654
78-5194	1-3-79	Unhang CRD temp. recorder
78-5209	12-28-78	Obtain data requested per TER 78-13 for recirc system indicators, meters, and recorders
78-5233	12-30-78	Reset pressure blowdown for SBLC pump "A" relief valve
78-5241	1-12-79	Make modifications to diesel gens. 2A & 2C
78-5248	1-16-79	Tighten connections on RTD and drywell temp. recorder
78-5250	1-9-79 VOIDED	
78-5252	1-9-79	Calibrate Topaz inverter per HNP-2-5272



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Number	Date Completed	Description
78-5253	1-9-79	Calibrate Topaz inverter per HNP-2-5272
78-5254	1-9-79	Calibrate Topaz inverter per HNP-2-5272
78-5272	1-15-79	Add oil to the PSW Pump "A"
78-5274	1-6-79	Inspect and calibrate standby liquid control pump discharge pressure gauge
78-5286	1-3-79	Investigate and repair master recirc flow controller
78-5287	1-17-79	Inspect and repair drywell to torus vacuum breaker
78-5288	1-5-79	Replace handwell on valve in unit II traveling, screen backward MOV
78-5295	1-16-79	Inspect and repair safety blowdown valve leaking alarm
78-5296	1-4-79	Inspect and repair annunciator for RCIC turbine governor end bearing temp. hi.
78-5298	1-3-79	Repair switch on torus spray on test valve
78-5299	1-4-79	Repair LPRM upscale alarm
78-5306	1-4-79	Repair RHR Sw. to RHR crosstie valve
78-5315	1-19-79	Calibrate D/W and torus water level indicator

HATCH 2 SAFETY RELATED MAINTENANCE REQUESTS  
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Number	Date Completed	Description
78-5330	1-8-79	Change bulb in annunciator fuel oil day tank hi & low alarm
78-5332	1-11-79	Add oil to upper and lower reservoirs on plant service water pump
78-5333	1-12-79	Repair air booster pump for resin trap H/W
78-5334	1-23-79	Investigate non-opening of valves 2G31 F076A and 2G31 F055A
78-5337	1-4-78	Inspect and repair pen on D/W torus H2 - O2 recorder
78-5339	1-23-79	Repair oil leak on MG set lube oil pump B1
78-5345	1-4-79	Repair inoperative red pen on main steam line rad. monitor recorder
78-5350	1-4-79	Align outboard brush holders on recirc MG set "A" AC generator
78-5365	1-16-79	Investigate and repair IRM/F recorder
78-5366	1-3-79	Repair annunciator, Rx. Bldg. vent sup. fans low flow
78-5367	1-21-79	Calibrate LPCI inverter frequency gauge
78-5373	1-3-79	Replace CRD accumulator pressure gauge
78-5374	1-15-79	Install MOV's on Rx. manual control relays
78-5375	1-24-79	Terminate circuit RTED15P01 in panel 2H11-P658

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Number	Date Completed	Description
78-5389	1-16-79	Replace light bulb on panel 2N11-P654 in control room
78-5390	1-16-79	Investigate and repair reactor vessel low level trip annunciator
78-5395	1-19-79	Investigate and repair "E" GEMAC Rx. water level indicator
78-5403	1-10-79	Repair SRM "C" recorder 2C51-R602
78-5404	1-8-79	Grind off sharp edge of recombiner operators panel
78-5409	1-3-79	Change out limit switches on condenser and separator B drain valve
78-5414	1-17-78	Repair leaking on valve 2E11-F034A
78-5416	1-16-78	Repair torus level indicator on 2H11-P654
79-1	1-16-79	Replace card in RFP oil conditioner trouble alarm
79-2	1-19-79	Repair CWD MDV sump high level alarm
79-4	1-19-79	Reset D/W temp alarm to 95 degrees F per HNP-2-5616
79-5	1-19-79	Repair S6GT and T/B multipoint temp. recorder
79-9	1-3-79	Replace and calibrate switch 2B21-NO31C
79-13	1-3-79	Replace coil in agastai relay model GPD

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Number	Date Completed	Description
79-14	1-18-79	Inspect and repair RHR system gate valve
79-16	1-15-79	Repair broken packing follower on plant heating system recirc pump
79-17	1-5-79	Repair torus water level transmitter
79-20	1-25-79	Investigate and repair FPC sys. skimmer surge tanks flow to RHR indicator
79-26	1-17-79	Install gate guides in valve bonnet per DCR 78-486
79-28	1-15-79	Install gate guides in valve bonnet per DCR 78-486
79-34	1-8-79	Repair disk clearance on PSW pump 2B discharge check valve disk
79-38	1-15-79	Repair tubing and fittings on RHR flow transmitter to HSDP
79-45	1-23-79	Repair valve packing on RWCU return to Rx. vessel isolation
79-49	1-16-79	Replace card in neut oil conditioners trouble annunciator
79-51	1-16-79	Replace annunciator card
79-70	1-16-79	Tighten keylock switch on torus spray or test valve
79-72	1-16-79	Repair air leak on air solenoid valve located in recombiner room
79-77	1-15-79	Replace liner, "O" rings & packing on butter fly valve for service water to 2A diesel

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Number	Date Completed	Description
79-81	1-11-79	Perform CATE 10 on concentrator discharge to concentrator condenser MOV
79-98	1-16-79	Repair D/W cooling unit 7A low delta P annunciator
79-99	1-26-79	Perform CATE 9 on the chemical radwaste annunciators
79-107	1-19-79	Investigate annunciators in window frame #1 on 2H11-P650
79-119	1-18-79	Unstick RWCJ vent bypass valve
79-120	1-26-79	Tighten lock nut on hanger lock el. 130
79-121	1-26-79	Reset hanger 2B21-H1 to it's original position
79-122	1-19-79	Repair recorder 2C51-R602
79-127	1-27-79	Remove manhole cover on south side of torus
79-132	1-15-79	Repair burned out power supply in 2G31-K600
79-137	1-18-79	Repair door on the breaker for MOV 2E21-FC058
79-145	1-25-79	Repair loose operator arm on breaker for 2T47-C0018
79-147	1-16-79	Investigate and repair sticking core spray "A" minimum flow valve
79-148	1-16-79	Repair pin hole leak in weld root valve for 2E11-NC26A

HATCH 2 SAFETY RELATED MAINTENANCE REQUESTS  
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Number	Date Completed	Description
79-158	1-26-79	Open shield door to 'A' recirc nozzles for Hp survey
79-173	1-23-79	Adjust Resin trip vent valve
79-176	1-26-79	Open shield doors to expose all 12 nozzles for inspection 2851
79-178	1-23-79	Replace handwheels to the concentrator density element manual iso. valves
79-190	1-25-79	Repair RCIC turbine bearing hi temp. alarm
79-192	1-25-79	Repair torus water level indicator
79-193	1-25-79	Repair RCIC turb. exm. diaphragm hi pressure alarm
79-197	1-24-79	Investigate and repair CRD #42-23 position COO reed switch
79-203	1-25-79	Replace light bulb and card for RFPT/RFS B bearing oil pressure low annunciator
79-210	1-23-79	Remove paint from 12" recirc. Nozzles for Southwest Research Inspection
79-216	1-26-79	Replace blown fuses in valve controller
79-223	1-25-79	Repair core spray A min flow valve
79-225	1-25-79	Replace manhole cover on torus
79-226	1-25-79	Investigate and repair HPCI turbine inlet drain pot hi level alarm



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Number	Date Completed	Description
79-228	1-25-79	Replace relay card in 2A D/G day tank level switch alarm
79-239	1-25-79	Calibrate level transmitter per HNP-2-5210
79-242	1-25-79	Investigate and repair RCIC leak protection logic power failure alarm
79-263	1-25-79	Repair turbine vacuum low annunciator
79-266	1-25-79	Replace bulbs in turbine hydraulic fluid pressure trip annunciator light
79-267	1-25-79	Replace bulbs in turning gear oil pump running annunciator light
79-279	1-25-79	Replace bulbs in hydraulic fluid level Hi/Low alarm
79-285	1-24-79	Reset limit switch on fuel grapple per DCR 78-26 R2
79-293	1-25-79	Investigate and repair Rx. Bldg. vent flow recorder