

OPERATING DATA REPORT

DOCKET NO. 50-366
DATE 1-5-79
COMPLETED BY S. Wilson
TELEPHONE 912-367-7781

OPERATING STATUS

1. Unit Name: Hatch 2
2. Reporting Period: December 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	744	4417	4417
12. Number Of Hours Reactor Was Critical	565.9	2632.5	2632.5
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	534.4	1386.5	1386.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	904140	2005941	2005941
17. Gross Electrical Energy Generated (MWH)	278490	536600	536600
18. Net Electrical Energy Generated (MWH)	263874	493532	493532
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): Maintenance (Dryer); 1-1-79; 4 weeks			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 1-25-79

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

7-4-78
9-22-78
12-31-78

7901100167

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-366
 UNIT Hatch 2
 DATE 1-5-79
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MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>295</u>
2	<u>281</u>
3	<u>114</u>
4	<u>364</u>
5	<u>392</u>
6	<u>414</u>
7	<u>439</u>
8	<u>193</u>
9	<u>156</u>
10	<u>386</u>
11	<u>387</u>
12	<u>507</u>
13	<u>241</u>
14	<u>102</u>
15	<u>461</u>
16	<u>683</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>704</u>
18	<u>711</u>
19	<u>584</u>
20	<u>449</u>
21	<u>655</u>
22	<u>699</u>
23	<u>693</u>
24	<u>693</u>
25	<u>430</u>
26	<u>-9</u>
27	<u>-6</u>
28	<u>-7</u>
29	<u>-6</u>
30	<u>-4</u>
31	<u>-4</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

DOCKET NO. 50-366UNIT NAME Hatch 2DATE 1-5-79COMPLETED BY S. WilsonTELEPHONE 912-367-7781REPORT MONTH December

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
	12-3-78	F	11.7	A	3		HB	VALVEX	TCV Fast Closure Trip
	12-8-78	F	24.6	A	2		1D	INSTRU	Loss Of Level Monitor Power Rx. Low Water Level
	12-13-78	F	17.6	A	3		HB	VALVEX	TCV Fast Closure Trip
	12-14-78	F	6.0	A	1		HJ	TURBIN	Low EHC Pressure Repair
	12-25-78	S	149.5+	A	1		CA	VESSEL	Shutdown For Dryer Maintenance

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

⁵
Exhibit I - Same Source

(9/77)

NARRATIVE SUMMARY

HATCH 2

Dec. 1	Startup Testing
Dec. 3	Rx. Scram 2-78-23 (GO-2-78-13) Turbine Control Valve Fast Closure 0146 CST
Dec. 3	On Line 1330 CST
Dec. 8	Rx. Scram 2-78-24 (GO-2-78-14) Rx. Low Water Level 1049 CST
Dec. 9	On Line 1128 CST
Dec. 13	Rx. Scram 2-78-25 (GO-2-78-15) Turbine Control Valve Fast Closure 1014 CST
Dec. 14	On Line 355 CST
Dec. 14	Off Line For Low EHC Pressure Repair 900 CST
Dec. 14	On Line 1502 CST
Dec. 25	Off Line For Extended Outage Due To Dryer Repair 1830 CST

There was no single release or radioactivity of single radiation exposure which accounts for more than 10 percent of the allowable annual values during the month of December.

HATCH 2

SAFETY RELATED MAINTENANCE REQUESTS TO BE REPORTED FOR DECEMBER 1978

NUMBER	DATE COMPLETED	DESCRIPTION
3232	12-17-78	Repair buffed welds
3515	12-3-78	Replace breaker and coil for RPS MG Set A
3575	12-16-78	Install power outlet as per DCE 2-78-207
3948	12-5-78	Perform HNP-2-1431 on CRD 14-27
4035	12-5-78	Replace recirc MG set oil mist eliminator filters
4942	12-7-78	Repair surge tank 1A low level alarm
4059	12-16-78	Repair conduit in NE diagonal
4095	12-5-78	Perform preventive maint on emergency diesel
4180	12-3-78	Replace torque switch on RWCU inboard isolation valve
4393	12-24-78	Investigate operation of condensate hotwell level recorder
4405	11-8-78	Tighten packing of 2C11-F006
4528	12-15-78	Repair IRM E
4539	12-12-78	Repair SRM/IRM drive out switch
4578	12-2-78	Insulate off gas prefilter A
4582	12-17-78	Tighten packing on gate valve

HATCH 2

SAFETY RELATED MAINTENANCE REQUESTS TO BE REPORTED FOR DECEMBER 1978

NUMBER	DATE COMPLETED	DESCRIPTION
4583	12-3-78	Tighten packing on gate valve
4596	12-8-78	Replace motor for RHR HX inlet valve
4603	12-5-78	Install safety chain
4627	12-16-78	Check calibration of diesel generator 21A jacket cooling water indicator
4630	12-15-78	Install jumper wire on RWCU hol g pump A
4676	12-5-78	Check operation of drain valves on RWCU demin
4717	12-12-78	Lube 2P70-F003
4718	12-12-78	Repair station service battery charger
4719	12-12-78	Adjust 2T48-F116
4738	12-20-78	Recalibrate D/W fission product monitor iodine monitor
4742	12-2-78	Functional test the rad bldg vent system trouble annunciator
4749	12-8-78	Replace starter on 2R24-S0188
4750	12-11-78	Replace handle on 2R25-S063
4752	12-1-78	Change set points on rad monitors

HATCH 2

SAFETY RELATED MAINTENANCE REQUESTS TO BE REPORTED FOR DECEMBER 1978

NUMBER	DATE COMPLETED	DESCRIPTION
4769	11-30-78	Replace point card on engine overspeed alarm
4790	12-3-78	Repair valve on sample tanks
4791	12-12-78	Replace bad solenoid valve
4795	12-2-78	Check operation of feedpump discharge pressure indicator
4809	12-3-78	Replace bulbs on battery charger 2A indicator lights
4823	12-2-78	Replace O ring in hydraulic control unit
4830	12-2-78	Recalibrate ramp generator
4833	12-12-78	Investigate operation of primary containment temp recorder
4841	12-3-78	Tighten packing on 2C11-F006
4853	12-7-78	Repair torus pressure indicator
4861	12-3-78	Replace lamp fixture
4870	12-7-78	Check calibration of cond. booster pump specific conductivity recorder
4871	12-2-78	Replace card on surge tank low level alarm
4872	12-2-78	Replace card on surge tanks hi level alarm

HATCH 2

SAFETY RELATED MAINTENANCE REQUESTS TO BE REPORTED FOR DECEMBER 1978

NUMBER	DATE COMPLETED	DESCRIPTION
4873	12-2-78	Replace lamp on refueling bellows assembly rupture alarm
4874	12-2-78	Replace lamp on reactor bldg. inside to outside air low delta P alarm
4875	12-7-78	Replace lamp on gov. not at sync speed setting alarm
4876	12-15-78	Install new gauge for condensate phase separator sludge pump pressure
4884	12-12-78	Replace seal on 'WCU A holding pump
4887	12-6-78	Check calibration of relay as per HNP-2-5262
4891	12-7-78	Repair extraction steam to 8th stage heater recorder

HATCH 2

SAFETY RELATED MAINTENANCE REQUESTS TO BE REPORTED FOR DECEMBER 1978

NUMBER	DATE COMPLETED	DESCRIPTION
4898	12-15-78	Recalibrate RHR flow indicator
4899	12-7-78	repair shutdown panel RHR flow indicator
4908	12-9-78	Investiate operation of rod out block indicator light
4929	12-21-78	Tighten CR 106 starter interlocks as per GE
4930	12-12-78	Tighten CR 106 starter interlocks as per GE
4931	12-17-78	Recalibrate HPCI controller
4943	12-9-78	Reset oil in control bldg. sump alarm
4962	12-17-78	Clean standby liquid control pump
4965	12-14-78	Perform preventive maintenance on RPS MG sets
4966	12-17-78	Clean standby liquid control pump
4979	12-11-78	Replace switch for HPCI turbine exhaust
4996	12-12-78	Replace card for 2A diesel annun. panel
5001	12-12-78	Tighten packing on 2C11-F021A

HATCH 2

SAFETY RELATED MAINTENANCE REQUESTS TO BE REPORTED FOR DECEMBER 1978

NUMBER	DATE COMPLETED	DESCRIPTION
5002	12-16-78	Perform preventive maintenance on 250 VDC inverter system
5003	12-16-78	Perform preventive maintenance on 250 VDC inverter system
5004	12-9-78	Tighten packing on 2C11-F034
5005	12-9-78	Tighten packing on 2C11-F006
5006	12-9-78	Tighten packing on 2C11-F047B
5007	12-9-78	Tighten packing on 2C11-F018
5008	12-12-78	Tighten packing on 2C11-F020A
5010	12-23-78	Check operation of HPCI oil tank level hi/low alarm
5018	12-18-78	Repair servo motor of RBCCW sys. pumps suction temp indicator
5021	12-14-78	Clean strainer on cond. sludge mixing pump
5048	12-17-78	Repair FPC sys. skimmer surge tank low level alarm
5053	12-20-78	Repair static inverter 2R44-5003
5054	12-15-78	Repair ruptured disc on RCIC exhaust line
5060	12-20-78	Replace filters on oil mist eliminators on recirc

HATCH 2

SAFETY RELATED MAINTENANCE REQUESTS TO BE REPORTED FOR DECEMBER 1978

NUMBER	DATE COMPLETED	DESCRIPTION
5075	12-18-78	Recalibrate APRM D recorder
5085	12-16-78	Repair door lock on vital AC distribution cabinet
5088	12-20-78	Perform preventive maintenance on reactor recirc MG set B
5089	12-15-78	Perform preventive maintenance on reactor recirc MG set A
5095	12-16-78	Replace breaker on 2R27S109
5096	12-16-78	Repair SBCTS discharge recorder
5110	12-22-78	Repair RWCU valve limit switches
5111	12-18-78	Repair FPC system surge tank low level alarm
5115	12-20-78	Repair oil leak on SBGT pipe snubber
5126	12-19-78	Repair rod block monitor A
5136	12-22-78	Adjust packing on centrifuge feed valve
5141	12-20-78	Repair primary containment hi/low alarm
5145	12-18-78	Reset core spray pump minimum flow valve limit switches
5167	12-19-78	Investigate operation of D/W cooling outlet isolation valve overload alarm
5184	12-23-78	Repair SEC system cooler low flow alarm