

321 R
10/5/78

OPERATING DATA REPORT

DOCKET NO. 50-321
DATE 10-5-78
COMPLETED BY S. M. Wilson
TELEPHONE 912-367-7781

OPERATING STATUS

- 1. Unit Name: Hatch - 1
- 2. Reporting Period: September 1978
- 3. Licensed Thermal Power (MWt): 2436
- 4. Nameplate Rating (Gross MWe): 809
- 5. Design Electrical Rating (Net MWe): 786
- 6. Maximum Dependable Capacity (Gross MWe): 748.6
- 7. Maximum Dependable Capacity (Net MWe): 717
- 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	6551	35497
12. Number Of Hours Reactor Was Critical	709	4489.7	26294.6
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	700.6	4307.7	23932.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1602904	9139858	45072680
17. Gross Electrical Energy Generated (MWH)	525950	3003850	14560711
18. Net Electrical Energy Generated (MWH)	503189	2853464 *	13848048 *
19. Unit Service Factor	97.3	65.8	69.7
20. Unit Availability Factor	97.3	65.8	69.7
21. Unit Capacity Factor (Using MDC Net)	97.5	60.7	55.9
22. Unit Capacity Factor (Using DER Net)	88.9	55.4	51.3
23. Unit Forced Outage Rate	2.7	22.2	19.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling Outage; 3-1-79; 6 weeks

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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

781 0170141 R

* Corrected by 8 MWH less since calculation of August Yr.-to-Date and Cumulative due to SS error 7-21-78.

Acc'd
10/5/78

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-321
 UNIT Hatch - 1
 DATE 10-5-78
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 TELEPHONE 912-367-7781

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>637</u>	17	<u>763</u>
2	<u>630</u>	18	<u>764</u>
3	<u>735</u>	19	<u>766</u>
4	<u>748</u>	20	<u>762</u>
5	<u>750</u>	21	<u>759</u>
6	<u>753</u>	22	<u>758</u>
7	<u>754</u>	23	<u>741</u>
8	<u>748</u>	24	<u>333</u>
9	<u>723</u>	25	<u>162</u>
10	<u>750</u>	26	<u>587</u>
11	<u>753</u>	27	<u>720</u>
12	<u>752</u>	28	<u>710</u>
13	<u>754</u>	29	<u>707</u>
14	<u>750</u>	30	<u>677</u>
15	<u>760</u>	31	<u></u>
16	<u>761</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. 50-321
 UNIT NAME Hatch 1
 DATE 10-5-78
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REPORT MONTH Sept.

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
78-19	9-24-78	F	19.5	A	3		CD	Instru.	Auto-scrum due to MSL Hi-Rad monitor upscale

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

⁵
 Exhibit I - Same Source

NARRATIVE REPORT

UNIT 1

Sept. 1 Preconditioning following #4 SV Outage

Sept. 1 Reducing Load for Rod Adjustment 2240 CDT

Sept. 2 Preconditioning

Sept. 4 Normal Operation

Sept. 24 Reactor Scram 78-9 (GO-1-78-13) due to MSL High Radiation
monitor drift while at half scram for calibration 1045 CDT
Reactor Critical at 2145 CDT

Sept. 25 On Line 0610 CDT

Sept. 26 Preconditioning

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>	
1391	9/27/78	Recalibrate	Recorder
2802	9/7/78	Repair PSW 1	
2808	9/7/78	Repair Oil Set Lube Oil	irc MG
2831	9/16/78	Change Oil Engine as per	and Diesel 0
2855	9/26/78	Repair Sente	ter
2906	9/1/78	Repair Intal	an
2924	9/21/78	Calibrate "T" Counter	e Gallons"
2938	9/25/78	Rework Diesel	ilation Fan
2959	9/14/78	Check CRD T	Operation
2982	9/13/78	Calibrate "T" Monitor	uct Iodine"
2998	9/13/78	Rewire Comput	isplay #2
3014	9/13/78	Check "Suppr B Hi Temp" A	System
3016	9/14/78	Clean R/W DI Monitor Tank	iation
3018	9/6/78	Repair "A" A	
3028	9/24/78	Repair Prim Makeup Integ	ent Nitrogen
3045	9/14/78	Repair "Safe down Temp" R	Auto Blow-
3046	9/13/78	Calibrate "T" Recorder	Temp"

3055	9/6/78	Repair "Rx Bldg. Stack" Recorder
3062	9/13/78	Calibrate "Fission Product Iodine" Monitor
3065	9/13/78	Repair Annunciator For "Steam or Water Analysis Room"
3066	9/20/78	Check "Drywell Cooling Unit 7A Lo Diff. Press." Alarm
3068	9/13/78	Repair "Inlet Flow to Hold Up Line" Recorder
3069	9/24/78	Adjust Circ. Water Pump 1B Sump Pumps
3070	9/13/78	Check "Torus Water Level Lo" Alarm
3075	9/13/78	Remove Alarm Card for Unused "Diesel Gen. & Intake Structure Cable Tray" Monitor
3079	9/27/78	Repair CRD Accumulator Valve Leak
3084	9/13/78	Inspect Wiring for D/G Governor
3092	9/14/78	Repair RWCU Pump "B" Leak
3097	9/21/78	Calibrate Discharge Integrator Readings and Discharge Flowrate Indicator
3099	9/13/78	Repair "Unit Aux. Transf. 1B" Alarm
3100	9/24/78	Repair CRD Temp. Recorder
3101	9/13/78	Repair "Recirc MG Set Drive Motor & Gen Temp." Recorder
3103	9/13/78	Check "Drywell/Torus ΔP " Recorder
3138	9/13/78	Replace Indicator Light for "No Exhaust Fan Running" Monitor
3143	9/15/78	Check "Recirc. MG Set Motor Temp" Recorder
3144	9/22/78	Replace Sensor Element for "Reactor Bldg. Vent Exhaust" ARM

3156	9/27/78	Check "D/G "B" Crankcase Press/Vac" Manometer
3168	9/24/78	Repair "RWCU Klocker Valve" Indicators
3173	9/24/78	Check RWCU Pump B Leak
3174	9/18/78	Calibrate "R/F Vent Exhaust Rad. Monitor
3176	9/21/78	Check Calibration of "Radwaste Discharge Flow to River" Recorder
3209	9/27/78	Add Strip Chart to LPRM 36-21
3212	9/19/78	Repair Control Room Air Conditioner Unit
3213	9/21/78	Same as 3212
3217	9/24/78	Reset Raised Tronado Vent on Control Bldg. Roof
3223	9/18/78	Repair "Recirc Pump Temp" Recorder
3228	9/26/78	Repair Personel Radiation Detector HFM-4A
3233	9/21/78	Repair "Reactor Building Inaccessible Area Fan Flow" Recorder
3234	9/22/78	Repair Oil Leak in RWCU Pump 1B
3235	9/22/78	Repair Door Lock 1A at Diesel Bldg. East Entrance
3245	9/21/78	Repair Area Radiation Monitor
3248	9/22/78	Adjust Packing on RWCU Pump B Suction Valve
3249	9/22/78	Repair "CRD Temp" Recorder
3281	9/27/78	Repair "Fuel Pool Pump 1A Low Discharge Press" Alarm