

OPERATING DATA REPORT

COCKET NO. 50-231  
 DATE 02-10-83  
 COMPLETED BY STEVEN K. SEBEL  
 TELEPHONE (012) 367-7731 x 203

OPERATING STATUS

- 1 Unit Name: E 1 Hatch Nuclear Plant Unit 1
- 2 Reporting Period: 01-83
- 3 Licensed Thermal Power (MW): 2436
- 4 Reactor Rating (Gross MWe): 803.3
- 5 Design Electrical Rating (Net MWe): 777.3
- 6 Maximum Dependable Capacity (Gross MWe): 801.2
- 7 Maximum Dependable Capacity (Net MWe): 764.7
- 8 If Change Occurs in Reported Figures Refer Number 3 Through 7 Since Last Report. Give Reasons:

Item 7 Changed Because of Peak Period Continuous Rating Data. The Change Was Based on Actual Performance During the Previous Year.

- 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	62111
12 Number Of Hours Reactor Was Critical	0.0	0.0	42966.9
13 Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14 Hours Generator On-Line	0.0	0.0	40166.5
15 Unit Reserve Shutdown Hours	0.0	0.0	0.0
16 Gross Thermal Energy Generated (MWh)	0	0	84240363
17 Gross Electrical Energy Generated (MWh)	0	0	27269490
18 Net Electrical Energy Generated (MWh)	-4551	-4551	25861664
19 Unit Service Factor	0.0	0.0	64.7
20 Unit Availability Factor	0.0	0.0	64.7
21 Unit Capacity Factor (Using MFC Net)	-0.8	-0.8	54.5
22 Unit Capacity Factor (Using DER Net)	-0.8	-0.8	53.6
23 Unit Forced Outage Rate	0.0	0.0	20.1
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 -----

(9/77)

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

DOCKET NO. 50-321  
 UNIT NAME Hatch 1  
 DATE 2-3-83  
 COMPLETED BY Steven K. Sewell  
 TELEPHONE 912-367-7851, X-2380

REPORT MONTH January

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
83-01	B21008	S	744	C	1	NA	RC	FUELXX	Normal Refueling Outage

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuations  
 5-Load Reduction  
 9-Other (Explain)

<sup>4</sup>  
 Exhibit C - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

NARRATIVE REPORT  
UNIT 1

January

Refueling outage.

HATCH 1 SAFETY-RELATED MAINTENANCE REQUESTS  
TO BE REPORTED FOR January 1983

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
82-7496	11-30-82	Installed additional piece of piping at penetration X45F for ILRT verification, T23.
82-3039	12-17-82	Painted stands and hangers for emergency lighting, 1L23/1R42. (Ref: DCR 81-173)
82-7376	01-07-83	Installed conduits & supports for station battery test equipment. R22-S018, S017. (Ref: DCR 80-205)
82-7071	11-29-82	Installed core drill in roof of drywell access room. H11-P630-A9062. (Ref: DCR 78-318)
82-6980	01-04-83	Terminated cables H11-P657-E59-C139, H11-P657-E59-C142, H11-P657-E59-C145, T48-KC11A-E59-C001, T48-K105A-E59-C001 and T48-K016A-E59-C001 using drawings R-17975 & H-17626 for containment atmospheric cooling system 1T48. (Ref: DCR 80-430)
82-6766	12-23-82	Performed hydrostatic testing of welds & piping associated with valves B31-F064A, F065A, F068A, & F069A. (Ref: DCR 79-127)
82-6711	11-30-82	Engraved cabinet H11-P650 for feedwater heater annunciators. (Ref: DCR 80-369)
82-6387	01-12-83	Disconnected existing cables H11-P601-ESO-C055, H11-P612-ESO-C071 & H11-P612-ESO-C072 & pulled new cables H11-P601-ESO-C055, H11-P612-ESO-C071 & H11-P612-ESO-C072 for RHR system 1E11. (Ref: DCR 80-430)

82-3384

06-23-82

Cut back & blind flanged both PSW supply lines to SBT charcoal filters, 1P41. (Ref: DCR 80-317)

82-2535

07-01-82

Installed new 4" supply to SBT protection system including all piping valves, hangers & four new Grinnell flooding valves for SBT fire deluge system T43. (Ref: DCR 80-317)

AVERAGE DAILY UNIT POWER LEVEL

DUCKET 40 50-321  
 DATE 02-19-83  
 COMPLETED BY STEVEN K. SEVELL  
 TELEPHONE (912) 387-7781 x 203

MONTH 01-83

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

(9777)

OPERATING DATA REPORT

DUCKET NO 50-366  
 DATE 02-10-83  
 COMPLETED BY STEVEN K. SEMELL  
 TELEPHONE (912) 367-7781 X 203

OPERATING STATUS

\*\*\*\*\* Notes \*\*\*\*\*

1 Unit Name: E. I. Hatch Nuclear Plant Unit 2

2 Reporting Period: 01-83

3 Licensed Thermal Power (Mw): 2436

4 Net Electrical Rating (Gross Mw): 817.0

5 Net Electrical Rating (Net Mw): 784.0

6 Available Capacity (Gross Mw): 803.3

7 Net Available Capacity (Net Mw): 774.5

8 If there are any restrictions on the reactor, please specify them in the Remarks section of the report. Give reasons:

Item 7 Changed Because of Peak Period Continuous Rating Data. The Change Was Based on Actual Performance During the Previous Year.

9. Power Level to Which Restricted, If Any (Net Mw):

10. Reasons for Restrictions, If Any:

	This Month	Yr -to-Date	Cumulative
11 Hours in Reporting Period	744	744	29880
12 Number of Hours Reactor Was Critical	744.0	744.0	21895.1
13 Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14 Hours Generator On-Line	744.0	744.0	20899.1
15 Unit Reserve Shutdown Hours	0.0	0.0	0.0
16 Gross Thermal Energy Generated (MWh)	1579416	1579416	45185099
17 Gross Electrical Energy Generated (MWh)	541330	541330	14817800
18 Net Electrical Energy Generated (MWh)	518632	518632	14106958
19 Unit Service Factor	100.0	100.0	69.9
20 Unit Availability Factor	100.0	100.0	69.9
21 Unit Capacity Factor (Using Net Net)	90.0	90.0	61.0
22 Unit Capacity Factor (Using DER Net)	88.9	88.9	60.2
23 Unit Forced Outage Rate	0.0	0.0	12.1
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):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-366  
 UNIT NAME Hatch

DATE 2-3-83

COMPLETED BY Steven K. Sewell  
 TELEPHONE 912-367-7851, X-2380

REPORT MONTH January

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
83-01	830108	S	3.0	B	5	NA	HA	TURBIN	Weekly Turbine Test
83-02	830120	F	279.8	H	5	NA	RC	FUELXX	Fuel Bundle Leakage Caused High Offgas Activity & Reduced Power to Meet Fuel Cycle Window
83-03	830128	S	9.3	B	5	NA	HA	TURBIN	Weekly Turbine Test

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuations  
 5-Load Reduction  
 9-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 REPORT  
UNIT 2

January 8th Started power reduction at 0030 for weekly turbine test.

January 8th Weekly turbine test complete at 0300.

January 20th Reduced power to 70% at 0810 to reduce offgas activity & to meet fuel cycle window. Remained at 70% for duration of the month.

January 28th Started further power reduction for weekly turbine test 2040.

January 29th Turbine test complete & back to 70% power at 0600.

AVERAGE DAILY UNIT POWER LEVEL

BOULET NO. 50-366

DATE 02-10-83

COMPLETED BY STEVEN J. SEWELL  
TELEPHONE (912) 367-7781 X 203

BOUW 51-83

DAY AVERAGE DAILY POWER LEVEL DAY AVERAGE DAILY POWER LEVEL  
(MPP) (MPP)

1	788	17	777
2	785	18	784
3	785	19	784
4	789	20	840
5	787	21	585
6	784	22	558
7	782	23	566
8	774	24	561
9	782	25	561
10	781	26	559
11	779	27	557
12	786	28	550
13	786	29	549
14	778	30	550
15	776	31	553
16	778		

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