

OPERATING DATA REPORT

DUCKET NO. 50-321
 DATE 12-10-83
 COMPLETED BY: C. M. Curtis
 TELEPHONE (912) 367-7851

OPERATING STATUS

Notes

1. Unit Name: E. I. Hatch Nuclear Plant Unit 1
2. Reporting Period: 11-83
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 809.3
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 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	720	8015	69383
12. Number of Hours Reactor was Critical	96.0	6050.5	49003.0
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	96.0	5797.7	45948.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	161784	12139229	96387592
17. Gross Electrical Energy Generated (MWH)	51520	3923040	31192530
18. Net Electrical Energy Generated (MWH)	44413	3722867	29609082
19. Unit Service Factor	13.3	72.3	66.2
20. Unit Availability Factor	13.3	72.3	66.2
21. Unit Capacity Factor (Using MDC Net)	8.1	60.7	55.8
22. Unit Capacity Factor (Using DER Net)	7.9	59.8	54.9
23. Unit Forced Outage Rate	0.0	5.4	18.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shutdown 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

8312140174 831210
 PDR ADOCK 05000321
 R PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-321
 DATE: 12-10-83
 COMPLETED BY: C. M. Curtis
 TELEPHONE (912) 367-7851

MONTH 11-83

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	514	17	-5
2	514	18	-5
3	514	19	-4
4	485	20	-6
5	-15	21	-6
6	-13	22	-7
7	-13	23	-6
8	-9	24	-6
9	-7	25	-6
10	-7	26	-6
11	-6	27	-6
12	-6	28	-6
13	-6	29	-5
14	-6	30	-6
15	-6	31	
16	-5		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 50-321
 UNIT NAME Hatch 1
 DATE 12-10-83
 COMPLETED BY C.M. Curtis
 TELEPHONE 912-367-7851

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
83-84	831101	F	96	F	5	NA	RC	FUELXX	Load Reduction Due to Leaking Fuel Problems.
83-85	831105	S	624	C	2	NA	RC	FUELXX	Core Reconstitution Outage.

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-Continuations
 5-Load Reduction
 9-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 REPORT
UNIT 1

November 1st	0000	Load held to 65% due to leaking fuel problems.
November 5th	0000	Manual shutdown for core reconstitution outage.

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
83-7201	05-23-83	HPCI system pipe hanger: per DCR 82-75 install hanger E41-221A-H4.
83-6101	10-25-83	Plant service water pump discharge pressure gauges: remove present gauges and snubbers. Install Weksler compound liquid filled gauges with diaphragm seals as per DCR 83-124.
83-6661	11-03-83	PSW strainer packing: pack strainers using existing grease passage ways per leak repair procedure.
83-6955	11-30-83	RPS/scram discharge volume: calibrate liquid level controller C11LSN660 A,B,C,D & C11LEN060 A,B,C,D as per installation cat.
83-7999	11-29-83	Diesel generator 1A,1B,1C reverse power relays: change set point on the ICW reverse power relays to 50 watts, per DCR 82-189.

OPERATING DATA REPORT

DOCKET NO. 50-366
 DATE 12-10-83
 COMPLETED BY: C. M. Curtis
 TELEPHONE (912) 367-7851

OPERATING STATUS

Notes

1. Unit Name: E. I. Hatch Nuclear Plant Unit 2
2. Reporting Period: 11-83
3. Licensed Thermal Power (Mwt): 2436
4. Nameplate Rating (Gross MWe): 817.0
5. Design Electrical Rating (Net MWe): 784.0
6. Maximum Dependable Capacity (Gross MWe): 803.9
7. Maximum Dependable Capacity (Net MWe): 774.5
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	720	8016	37153
12. Number of Hours Reactor was Critical	720.0	5320.2	26471.3
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	720.0	5032.9	25188.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWh)	1691976	10201892	53807575
17. Gross Electrical Energy Generated (MWh)	568010	3420800	17697270
18. Net Electrical Energy Generated (MWh)	544922	3245429	16833755
19. Unit Service Factor	100.0	62.8	67.8
20. Unit Availability Factor	100.0	62.8	67.8
21. Unit Capacity Factor (Using MDC Net)	97.7	52.3	58.5
22. Unit Capacity Factor (Using DER Net)	96.5	51.6	57.8
23. Unit Forced Outage Rate	0.0	17.4	13.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shutdown 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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-366
 DATE: 12-10-83
 COMPLETED BY: C. M. Curtis
 TELEPHONE (912) 367-7851

MONTH 11-83

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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1	770
2	777
3	731
4	686
5	729
6	696
7	712
8	773
9	778
10	778
11	785
12	774
13	788
14	742
15	780
16	767

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
-----	----------------------------------------

17	730
18	762
19	783
20	777
21	786
22	786
23	781
24	779
25	786
26	717
27	721
28	768
29	739
30	725
31	

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 50-366
 UNIT NAME Hatch 2
 DATE 12-10-83
 COMPLETED BY C.M. Curtis
 TELEPHONE 912-367-7851

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
83-45	831103	F	22.3	A	5	NA	HE	VALVEXX	Load reduction due to turbine bypass valve slow opening.
83-46	831105	F	58	A	5	NA	HE	VALVEXX	Load reduction due to turbine bypass valve slow opening.
83-47	831105	S	2	B	5	NA	HE	VALVEXX	Load reduction for control valve test.
83-48	831105	S	2	H	5	NA	RB	CONROD	Load reduction due to control rod exercise.
83-49	831111	S	4.3	B	5	NA	HA	TURBIN	Load reduction for weekly turbine testing.
83-50	831114	F	9	A	5	NA	HE	VALVEXX	Load reduction due to turbine bypass valve opening.
83-51	831116	F	15.3	A	5	NA	HE	VALVEXX	Load reduction due to turbine bypass valve opening.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 50-366
 UNIT NAME Hatch 2
 DATE 12-10-83
 COMPLETED BY C.M. Curtis
 TELEPHONE 912-367-7851

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
83-52	831117	F	8.5	A	5	NA	EE	ENGINE	Load reduction due to 2C & B diesel generator inop.
83-53	831120	S	2	B	5	NA	HA	TURBIN	Load reduction for weekly turbine testing.
83-54	831126	S	3.7	B	5	NA	HA	TURBIN	Load reduction for weekly turbine testing.
83-55	831126	S	9	H	5	NA	RB	CONROD	Load reduction due to control rod exercise.
83-56	831129	F	10	B	5	NA	HJ	PIPEXX	Load reduction to repair leaks in condenser bay.

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 B-Maintenance of Test
 C-Refueling
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NARRATIVE REPORT
UNIT 2

November 3rd	1845	Load reduction due to turbine bypass valve slow opening.
November 3rd	1912	Began increasing reactor power.
November 5th	1406	Load reduction due to turbine bypass valve opening.
November 5th	1502	Load reduction for control valve test.
November 5th	1554	Load reduction due to control rod exercise.
November 5th	1635	Increasing reactor power with recirc.
November 11th	2348	Load reduction for weekly turbine testing.
November 12th	0412	Testing Comp.
November 14th	0700	Load reduction due to turbine bypass valve opening.
November 14th	1347	Increasing reactor power via recirc.
November 16th	2044	Load reduction due to #2 control valve closure.
November 17th	1208	Increasing reactor power.
November 17th	2244	Load reduction in progress due to "B" & 2C diesel generator inop.
November 18th	0816	Increasing reactor power.
November 20th	0030	Load reduction for weekly turbine testing.
November 20th	0240	Testing completed.
November 26th	1843	Load reduction for weekly turbine testing.
November 26th	2105	Load reduction due to control rod exercise.
November 26th	2228	Weekly turbine testing completed.
November 29th	1900	Load reduction to repair leaks in condenser bay.
November 30th	0209	Increasing reactor power.

HATCH 2 SAFETY-RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR NOVEMBER 1983

<u>NUMBER</u>	<u>DATE COMPLETE</u>	<u>DESCRIPTION</u>
82-1378	09-09-83	Hot machine shop floor drain piping; Cut out & remove concrete in floor per sketch B-C-79-476-1. Repour concrete & fit necessary joint. Ref. DCR 79-476.
82-2572	10-06-83	Drywell Pneumatic System: Change setpoint of 2P70-PS-N003 from 75 psig to 92±1.5 psig & 2P70-F103A,B from 90 psig to 97±2.0 psig.
82-2785	05-19-83	Drywell pneumatic system supply line high pressure switch: calibrate 2P70-N017.
83-1967		Process computer: install circuit breaker 2R26-M062. Ref. DCR 82-172.
83-2177	11-09-83	Distribution panels: Fabricate & place steel members, reinforcing bars, & embedded conduit per FDR 82-172-4. Pour concrete pads for panels. Ref. DCR 82-172.
83-2865	07-12-83	States block TB-AA: Replace per DCR 81-139.
83-4632	10-11-83	PASS Boron & chloride analyzer: Install 2 pressure gauges upstream & downstream of analyzers per DCR 79-476.
83-6002	11-29-83	Diesel generator 2A & 2C reverse power relays: change setpoints on ICW relays to 50 watts per data sheets. Ref. DCR 82-110.

Georgia Power Company
Post Office Box 439
Baxley, Georgia 31513
Telephone 912 367-7781
912 537-9444



Edwin I. Hatch Nuclear Plant

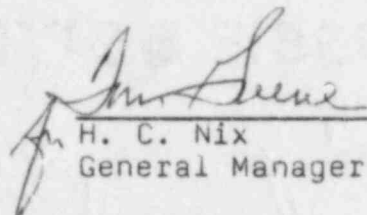
December 10, 1983
GM-83-1171

PLANT E. I. HATCH
NRC Monthly Operating Report

Office of Plans and Schedules
Directorate of Licensing
United States Nuclear Regulatory Commission
Washington, D. C. 20545

Dear Sir:

Per Tech Specs section 6.9.1.6 please find attached the NRC Monthly Operating Report for Hatch Unit 1, Docket #50-321, and for Hatch Unit 2, Docket #50-366.



H. C. Nix
General Manager

HLS/hh

IE-24
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