

NARRATIVE REPORT
UNIT 1

April 1st	0000	Unit on line at 700 MWe and ramping to full power following load reduction for Rod Pattern Adjustment.
	2000	Unit back to full power.
April 5th	0000	Unit on line at 807 MWe.
	2300	Starting load reduction for Weekly Turbine Testing and Rod Pattern Adjustment.
April 6th	0000	Unit on line at 655 MWe. Load reduction due to Weekly Turbine Test and Rod Pattern Adjustment still in progress. TSV Functional Test and MSIV Closure Instrumentation Test also to be performed.
	0400	Weekly Turbine testing complete. Load now at approximately 800 MWe.
April 12th	2325	Reducing load to 670 MWe to perform Weekly Turbine Test and HNP-1-3007.
April 13th	0000	Load still being reduced for Weekly Turbine Tests and TCV Tests (HNP-1-3007).
April 13th	0340	Weekly Turbine testing complete.
April 14th	0000	Maintaining rated thermal power. Load at approximately 807 MWe.
April 22nd	2118	Fifth Stage Heater B flooded out. Dropping load per HNP-1-1946 to approximately 80%.
	2132	Fifth stage heater back in service. Beginning power ascension via recirc flow.
	2230	Power at 773 MWe and 2336 CMWT.

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NARRATIVE REPORT
UNIT 1

April 26th	2131	Beginning to drop load for Rod Pattern Adjustment per HNP-1-1005.
April 27th	0630	Load now at 639 MWe and 1946 CMWT. Rod Pattern Adjustment in progress.
	1404	Now beginning to increase load by increment increases in recirc. flow per STA.
	1700	Load back to Unit Maximum Dependable Capacity. Still increasing to rated power via recirc flow.
	2230	Load back to rated thermal for continuation of month.

NARRATIVE REPORT
UNIT 2

April 1st	0000	Plant operating at 797 MWe and 2410 CMWT.
April 5th	1802	Reducing load per schedule for Refueling Outage and HNP-2-1005 via Reactor Recirc Flow.
	2002	Reactor mode switched in shutdown for scheduled unit refueling outage. Scheduled startup date from outage is May 29, 1985.

HATCH 1 SAFETY-RELATED MAINTENANCE WORK ORDERS
TO BE REPORTED FOR APRIL 1985

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
82-6985	11-02-82	Modified existing pipe support for reactor recirculation system (B31-103-H003) by replacing the variable spring hanger (VSI-2 Type C) with new hanger (VSI 3 Type C). Also set spring load to 144#. Ref: DCR # 81-058
84-5271	02-22-85	Modified existing conduit supports CS-902-61,-62,-70,-88 and CS-902-91 per WPS-80-348-E004. Ref: DCR 80-348, Rev.2
84-3812	02-11-85	Cut welds of pipe caps on pipe nipples downstream of 1E11-F076 A&B, threaded nipples, and installed 3/4" 3000# A-105 pipe caps. Ref: DCR 84-120
84-8325	03-26-85	Installed conduit and conduit supports on R33 system for DCR 81-196. Work to be performed per WPS 81-196-E001.
84-5035	12-04-84	Modified conduits and terminal pull boxes on the Emergency 4160V Switchgear and Controls. Also retagged, installed and grounded equipment on Switchgear panels. (R22/R25). Work performed per WPS 82-253-E001. Ref: DCR 82-253

HATCH 2 SAFETY-RELATED MAINTENANCE WORK ORDERS
TO BE REPORTED FOR MARCH 1985

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
84-608	04-16-84	Fabricated supports, installed conduit and pulled new cable on 2R43 system. Also installed D/G 2A New loading timer panel (H21-P303) and annunciator windows. Ref: DCR 78-256
85-1188	3-12-85	All filters of Refueling Floor Exit Filter Train inspected per MWO 2-85-986 and found wet from Deluge being actuated. Replaced all filters. Also replaced charcoal on 203' elev. in Reactor Building.
85-1321	04-16-85	Upgraded normally energized HFA relays in 2E11 system in panel 2H11-P618 to century series relays per WPS 82-171-E030. Ref: DCR 82-171.
85-1322	04-12-85	Upgraded normally energized HFA relays in 2E51 system in Panel 2H11-P623 to century series relays per WPS 82-171-E032. Ref: DCR 82-171
85-1320	04-12-85	Upgraded normally energized HFA relays in 2E41 system in panel 2H11-P628 to Century Series relays per WPS 82-171-E031. Ref: DCR 82-171
85-1751	04-18-85	Determined that all cables were terminated at Station Battery 2B and removed all batteries from 2B room. Ref: DCR 85-55
85-1319	04-12-85	Upgraded normally energized HFA relays in the 2B21 system in Panel 2H11-P628 to Century series relays per WPS 82-171-E033. Ref: DCR 82-171

OPERATING DATA REPORT

DOCKET NO. 50-321
 DATE 05-10-85
 COMPLETED BY: Michael G. McBay
 TELEPHONE (912) 357-7781 x. 203

OPERATING STATUS

Notes

1. Unit Name: E. I. Hatch Nuclear Plant Unit 1
2. Reporting Period: 04-85
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): 752.2
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	719	2879	81790
12. Number of Hours Reactor was Critical	719.0	2354.8	57518.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2205.6	54073.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1722240	4793263	114162453
17. Gross Electrical Energy Generated (MWH)	568650	1578700	36834420
18. Net Electrical Energy Generated (MWH)	545011	1505400	34963246
19. Unit Service Factor	100.0	76.6	66.1
20. Unit Availability Factor	100.0	76.6	66.1
21. Unit Capacity Factor (Using MDC Net)	101.0	69.5	56.8
22. Unit Capacity Factor (Using DER Net)	97.7	67.3	55.0
23. Unit Forced Outage Rate	0.0	14.2	17.9
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. 50-321
 DATE: 05-10-85
 COMPLETED BY: Michael G. McBay
 TELEPHONE (912) 367-7781 x. 203

MONTH 04-85

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	724
2	771
3	772
4	769
5	763
6	760
7	775
8	775
9	779
10	778
11	774
12	770
13	757
14	770
15	769
16	771

DAY

AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17	771
18	770
19	767
20	770
21	771
22	762
23	769
24	769
25	766
26	742
27	584
28	701
29	762
30	769
31	

(9/77)

OPERATING DATA REPORT

DOCKET NO. 50-366
 DATE 05-10-85
 COMPLETED BY: Michael G. McBay
 TELEPHONE (912) 367-7731 x 203

OPERATING STATUS

Notes

1. Unit Name: E. I. Hatch Nuclear Plant Unit 2
2. Reporting Period: 04-85
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): 747.9
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	719	2879	49416
12. Number of Hours Reactor was Critical	116.0	2200.8	32380.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	116.0	2173.9	30798.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	275832	5082888	66284470
17. Gross Electrical Energy Generated (MWH)	92830	1701760	21861240
18. Net Electrical Energy Generated (MWH)	85372	1627470	20789919
19. Unit Service Factor	16.1	75.5	62.3
20. Unit Availability Factor	16.1	75.5	62.3
21. Unit Capacity Factor (Using MDC Net)	15.9	75.6	56.3
22. Unit Capacity Factor (Using DER Net)	15.1	72.1	53.7
23. Unit Forced Outage Rate	0.0	4.5	12.2
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: 05-10-85
 COMPLETED BY: Michael G. McBay
 TELEPHONE (912) 367-7781 x 203

MONTH 04-85

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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1	774
2	775
3	775
4	772
5	607
6	-16
7	-11
8	- 9
9	- 8
10	- 6
11	- 6
12	- 6
13	- 6
14	- 6
15	- 6
16	- 5

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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17	-4
18	-4
19	-4
20	-4
21	-4
22	-4
23	-4
24	-4
25	-4
26	-4
27	-4
28	-5
29	-6
30	-5
31	

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL

DOCKET NO. 50-366
 UNIT NAME HATCH 2
 DATE May 7, 1985
 COMPLETED BY M. G. McBay
 TELEPHONE x-2882

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
85-27	04-05-85	S	605.0	C	2	N/A	RC	XXXXXX	Load Reduction and Manual scram for scheduled unit refueling 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

(10/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL

DOCKET NO. 50-321
 UNIT NAME HATCH 1
 DATE May 7, 1985
 COMPLETED BY M. G. McBay
 TELEPHONE x 2882

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
85-37	04-01-85	S	20.0	B	5	N/A	RC	CONROD	Rod Pattern Adjustment
85-38	04-05-85	S	5.0	B	5	N/A	RC	CONROD	Rod Pattern Adjustment & Turbine Testing
85-39	04-12-85	S	4.25	B	5	N/A	HA	TURBIN	Weekly Turbine Testing
85-40	04-22-85	F	1.20	A	5	N/A	CH	VESSEL	Fifth Stage Htr B flooded out. Load being reduced for correction.
85-41	04-26-85	S	43.48	B	5	N/A	RC	CONROD	Rod Pattern Adjustment

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

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



Edwin I. Hatch Nuclear Plant

May 7, 1985
GM-85-453

PLANT E. I. HATCH
NRC Monthly Operating Report

Director
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
Region II Suite 3100
101 Marietta Street
Washington, D. C. 20555

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.

DRG
HCN/CTJ/SMM/EZW/DRG/jph

H. C. Nix

H. C. Nix
General Manager

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