

NARRATIVE REPORT  
UNIT 1

October 1st	0000	Unit on line at 791 MWe with no major problems.
	1103	Commencing Reactor Shutdown due to Generator ground fault.
	1131	Reactor manually scrammed due to Generator ground fault.
October 2nd	0623	Rx. Critical.
October 3rd	0349	Turbine Generator on line. Ramping to rated.
October 4th	2311	Achieved Maximum Dependable Capacity. Reducing load for Weekly Turbine Testing.
October 5th	1051	Back at rated MDC.
October 12th	0300	Reducing load for Weekly Turbine Testing.
	0340	Back at rated MDC.
October 19th	0113	Reducing load for Rod Pattern Adjustment and Weekly Turbine Testing.
October 20th	1415	Back at rated MDC.
October 26th	0015	Reducing load for Weekly Turbine Testing.
	0424	Back at rated MDC.
October 29th	1729	Radiological Event in progress due to higher than normal radiation on the 158' elevation of the Rx. Building.
	1735	Radiation levels on 158' elevations of the Rx. building approximately 60mr/Hr.
	1830	Shift personnel found pump casing ruptured in RWCU decant area.
October 31st	2330	Radiological Event Terminated.
	2400	Unit at 786 MWe with no major equipment problems.

8511180255 851031  
PDR ADOCK 05000321  
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1/1

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
85-3227	10-20-85	Replaced Plant Service Water pump P41-C001A per WPS 84-59-M001. Ref. DCR 84-059.
85-3338	10-24-85	Add support to 1" conduit RPS-IA-3152 in cable spreading room. Ref: DCR 82-219.
85-3968	10-12-85	Fabricate and install a cable tie support for cables H21-P050-C05, H21-P050-C06, H21-P051-E59-C01, and H21-P051-E59-C02 onto the east wall of the east cableway Ref: DCR 85-080.
85-4459	10-22-85	Modify ATTS tamper bars using plexiglass per FDDR #HT1-602. Ref. DCR 81-138
85-4898	10-29-85	Modify Reactor Building cable tray supports per WPS 85-117-C001 and WPS 85-117-C002. Ref.: DCR 85-117
85-5568	10-09-85	Calibrate the HPCI steam header low pressure sensors to trip at 128 psig per 57SV-E41-001-15 Ref. DCR 84-137

# OPERATING DATA REPORT

DOCKET NO. 50-321  
 DATE 11-10-85  
 COMPLETED BY: Gary M. Koerber  
 TELEPHONE (912) 367-7781 x 2882

## OPERATING STATUS

1. Unit Name: E. I. Hatch Nuclear Plant	Unit 1
2. Reporting Period:	10-85
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:	N/A
9. Power Level to Which Restricted, If Any (Net MWe)	No Restrictions
10. Reasons for Restrictions, If Any:	N/A

NOTE: There is an additional hour due to daylight savings.

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	745	7296	86207
12. Number of Hours Reactor was Critical	726.1	6331.3	61495.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	704.7	6066.8	57934.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1662912	13786060	123155250
17. Gross Electrical Energy Generated (MWH)	538740	4509200	39764920
18. Net Electrical Energy Generated (MWH)	515461	4304891	37762737
19. Unit Service Factor	94.6	83.2	67.2
20. Unit Availability Factor	94.6	83.2	67.2
21. Unit Capacity Factor (Using MDC Net)	92.0	78.4	58.2
22. Unit Capacity Factor (Using DER Net)	89.0	75.9	56.4
23. Unit Forced Outage Rate	5.4	13.5	17.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling Outage beginning November 30, 1985	14 weeks		
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: 11-10-85  
 COMPLETED BY: Gary M. Koerber  
 TELEPHONE (912) 367-7781 x 2882

MONTH 10-85

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

1	350
2	-18
3	273
4	654
5	734
6	762
7	762
8	757
9	754
10	755
11	750
12	751
13	754
14	753
15	752
16	752

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

17	750
18	753
19	621
20	738
21	751
22	751
23	753
24	754
25	755
26	754
27	755
28	750
29	757
30	759
31	751

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-321 UNIT NAME HATCH ONE

COMPLETED BY Gary M. Koerber TELEPHONE (912) 367-7851 (2882) DATE NOVEMBER 05, 1985

REPORT MONTH OCTOBER

NO.	DATE	T Y P E	DURATION (HOURS)	R E A S O N	METHOD OF SHUTTING DOWN REACTOR	LICENSEE EVENT REPORT NUMBER	S Y S T E M	COMPONENT CODE	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
85-077	851001	F	40.30	A	2	N/A	HA	ELECON	Scram due to Generator Ground fault
85-078	851003	S	43.37	A	5	N/A	HA	FLECON	Recovery from Scram
85-079	851004	S	11.67	B	5	N/A	HA	TURBIN	Weekly Turbine Testing
85-080	851019	S	37.03	B	5	N/A	RC	CONROD	Rod Pattern Adjustment

F: Forced  
S: Scheduled

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)

Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continuations  
5-Load Reduction  
9-Other (Explain)

Events reported involve  
a greater than 20% reduction  
in average daily power level  
for the preceeding 24 hours.

NARRATIVE REPORT  
UNIT 2

October 1st	0000	Operating at rated power with no major problems.
October 6th	0022	Reducing load for Weekly Turbine Testing.
	0150	Back at rated MDC.
October 11th	1340	Reducing load to backwash the condensate demins.
	1922	Back at rated MDC.
October 20th	0025	Reducing load for Scram time testing.
October 21st	0125	Bact at rated MDC.
October 26th	2301	Reducing load for Weekly Turbine testing.
	2335	Back at rated MDC.
October 31st	2400	Unit at rated thermal power with no major equipment problems.

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
82-482	10-14-85	Install concrete encased electrical duct bank from Unit 2 Turbine building to the simulator and training facilities. Ref: DCR 80-157
84-2103	10-03-85	Replace existing temp. recorder 2T47-R612. Ref: DCR 81-185
85-2750	10-10-85	Add antipumping circuitry to the RCIC low steam bypass valve. Ref DCR 80-440
85-3508	10-09-85	Replace the oxygen analyzer cell on panel 2P33-P006. Ref: DCR 83-044
85-3798	10-14-85	Protect conduits 2ESB167, 2ESB168, and 2ESB170 in the Diesel Generator building with "Thermo-Lag 330" fire barrier material. Ref: DCR 83-142
85-3866	10-11-85	Reconnect RCIC level switches 2E51-N060 and 2E51-N061 per Lifted Wire and Jumper sheets 2-85-201 and 2-85-202. Ref: DCR 85-166
85-4303	10-21-85	Install padlock on circuit breaker B21-F021 as detailed on WPS-83-278-14. Ref: DCR 83-278

# OPERATING DATA REPORT

DOCKET NO. 50-366  
 DATE 11-10-85  
 COMPLETED BY: Gary M. Koerber  
 TELEPHONE (912) 367-7781 x 2882

## OPERATING STATUS

- |  |                 |
|--|-----------------|
| 1. Unit Name: E. I. Hatch Nuclear Plant  | Unit 2          |
| 2. Reporting Period:   | 10-85           |
| 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<br>(Items Number 3 through 7) Since Last Report, Give Reasons: | N/A             |
| 9. Power Level to Which Restricted, If Any (Net MWe):  | No Restrictions |
| 10. Reasons for Restrictions, If Any:  | N/A             |

NOTE: There is an additional hour due to daylight savings.

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	745	7296	53833
12. Number of Hours Reactor was Critical	745.0	6064.9	36244.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	745.0	5947.7	34571.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1793904	14036568	75238150
17. Gross Electrical Energy Generated (MWH)	596260	4650090	24809570
18. Net Electrical Energy Generated (MWH)	571672	4447915	23610364
19. Unit Service Factor	100.0	81.5	64.2
20. Unit Availability Factor	100.0	81.5	64.2
21. Unit Capacity Factor (Using MDC Net)	102.6	81.5	58.6
22. Unit Capacity Factor (Using DER Net)	97.9	77.8	55.9
23. Unit Forced Outage Rate	0.0	2.7	11.2
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: 11-10-85  
 COMPLETED BY: Gary M. Koerber  
 TELEPHONE (912) 367-7781 x 2882

MONTH 10-85

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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1	771
2	773
3	770
4	768
5	772
6	779
7	781
8	778
9	775
10	772
11	750
12	769
13	770
14	773
15	773
16	773

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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17	772
18	775
19	776
20	572
21	769
22	774
23	775
24	777
25	778
26	779
27	780
28	773
29	781
30	781
31	778

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-366 UNIT NAME HATCH TWO

COMPLETED BY Gary M. Koerber TELEPHONE (912) 367-7851 (2882) DATE NOVEMBER 05, 1985

REPORT MONTH OCTOBER

NO.	DATE	T Y P E	DURATION (HOURS)	R E A S O N	METHOD OF SHUTTING DOWN REACTOR	LICENSEE EVENT REPORT NUMBER	S Y S T E M	COMPONENT CODE	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
85-049	851011	F	4.7	B	5	N/A	HH	DEMINX	Backwash of Condensate Demins
85-050	851020	S	25.0	B	5	N/A	RC	CONROD	Scram time testing

F: Forced  
S: Scheduled

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)

Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continuations  
5-Load Reduction  
9-Other (Explain)

Events reported involve  
a greater than 20% reduction  
in average daily power level  
for the preceeding 24 hours.

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



Edwin I. Hatch Nuclear Plant

November 10, 1985

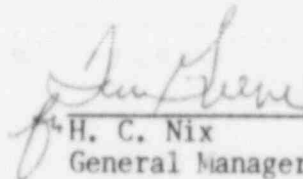
LR-MGR-024-1185

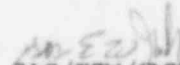
PLANT E. I. HATCH  
NRC Monthly Operating Report

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.

  
H. C. Nix  
General Manager

  
GAG/EZW/GMK/kel

xc: T. V. Greene  
E. Z. Wahab  
H. Mirzakhani  
Document Control File  
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