

NARRATIVE REPORT
UNIT 1

September 1st	0000	At reduced power for weekly turbine test and MSIV exercise.
	0035	Weekly turbine test and MSIV exercise completed. Ramping back to rated MDC.
	0155	Reached rated MDC (Maximum Dependable Capacity).
September 7th	2310	Reducing load to approximately 690 MWE for weekly turbine testing and CV testing.
September 8th	0239	Reached rated MDC.
	0245	Turbine testing completed.
	0303	MSIV exercise in progress.
	0315	MSIV exercise completed.
September 13th	2302	Reducing load to approximately 350 MWE to clean circ water screens.
September 14th	0142	Rod Pattern Adjustment initiated.
	0207	Rod Pattern Adjustment complete.
	0525	Circ water screen cleaning complete.
	0835	Weekly turbine tests in progress.
	1249	Weekly turbine tests complete. Ramping to rated MDC.
September 16th	0002	Reached rated MDC.
September 20th	2301	Shutdown in progress due to inability to monitor reactor water conductivity.
September 21st	0219	Manual scram, turbine tripped.
	1630	Reactor in cold shutdown.

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NARRATIVE REPORT
UNIT ONE
page 2

September 22nd	1542	Mode switch to Start and Hot Standby.
	1602	Control rod withdrawal began.
	1709	Reactor critical.
September 23rd	0519	Generator tied to line. Ramping toward MDC.
September 25th	1528	Reached rated MDC.
September 27th	2300	Reducing load to approximately 600 MWE in preparation for weekly turbine test and Rod Pattern Adjustment.
	2350	Weekly turbine test in progress.
September 28th	0013	Rod Pattern Adjustment initiated.
	0029	Rod Pattern Adjustment complete.
	0115	Weekly turbine test complete. Ramping toward rated MDC.
	1923	Reached rated MDC.
September 30th	2400	On line at 791 MWE. No major problems.

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
85-3906	09-06-85	Replace main control room console monitors per DCR 80-157.
85-4185	09-15-85	Remove pipe hanger E21-CSH-8 per DCR 82-75.
85-4274	09-15-85	Rebuild valves 1P33-F016 and 1P33-F017. Install new limit switches, mounting brackets and actuation levers. Ref: DCR 81-132

OPERATING DATA REPORT

DOCKET NO. 50-321
 DATE 10-10-85
 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:	09-85
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

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	720	6551	85462
12. Number of Hours Reactor was Critical	681.2	5605.2	60769.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	669.0	5362.1	57229.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1558044	12123148	121492338
17. Gross Electrical Energy Generated (MWH)	508000	3970460	39226180
18. Net Electrical Energy Generated (MWH)	485806	3789430	37247276
19. Unit Service Factor	92.9	81.9	67.0
20. Unit Availability Factor	92.9	81.9	67.0
21. Unit Capacity Factor (Using MDC Net)	89.7	76.9	57.9
22. Unit Capacity Factor (Using DER Net)	86.8	74.4	56.1
23. Unit Forced Outage Rate	7.1	14.4	17.8
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
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INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH 09-85

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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1	757
2	760
3	761
4	762
5	763
6	760
7	756
8	751
9	757
10	755
11	755
12	761
13	758
14	484
15	707
16	768

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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17	768
18	767
19	765
20	760
21	24
22	-16
23	255
24	660
25	733
26	751
27	748
28	696
29	759
30	755

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-321

UNIT NAME HATCH ONE

COMPLETED BY Gary M. Koerber

TELEPHONE (912) 367-7851 (2882) DATE OCTOBER 10, 1985

REPORT MONTH SEPTEMBER

NO.	DATE	T Y P E	DURATION (HOURS)	R E A S O N	METHOD OF SHUTTING DOWN REACTOR	LICENSEE EVENT REPORT NUMBER	S C T O E D M E	COMPONENT CODE	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRANCE
85-073	850913	S	48.2	B	5	N/A	CB	XXXXXX	Reducing load to clean Circ water screens and Rod Pattern Adjustment
85-074	850920	F	54.3	A	2		CG	VALVEX	Manual scram to repair RWCU valve
85-075	850923	F	58.15	A	5	N/A	CG	VALVEX	Scram recovery from above outage
85-076	850927	S	20.38	B	5	N/A	RC	CONROD	Reducing load for Rod Pattern Adjustment and weekly turbine 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.

NARRATIVE REPORT
UNIT 2

September 1st	0000	Unit on line at 791 GMWE. No major equipment problems.
September 7th	0005	Decreasing load to approximately 720 MWE for weekly turbine test.
	0020	Weekly turbine test in progress.
	0147	Weekly turbine test completed. Ramping toward rated MDC (Maximum Dependable capacity).
	0300	Reached rated MDC.
September 13th	2215	Decreasing load for sequence exchange and weekly turbine test.
	2256	Weekly turbine test in progress.
September 14th	0320	Weekly turbine test complete.
	0330	Sequence exchange in progress.
	0550	Sequence exchange complete. Ramping toward rated MDC.
September 16th	0002	Reached rated MDC.
September 21st	2312	Decreasing load for weekly turbine test.
	2335	Weekly turbine test in progress.
September 22nd	0050	Weekly turbine test complete.
	0050	Reached rated MDC.
September 28th	0345	Decreasing load for weekly turbine test.
September 29th	0010	Weekly turbine test in progress.
	0020	Reached rated MDC.
	0245	Weekly turbine testing complete.
September 30th	2400	Operating at rated CMWT. No major problems.

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
81-2581	09-05-85	Route new piping in radwaste solidification system per DCR 81-51.
82-5716	09-19-85	Install a silicone foam fire barrier penetration seal between the 6" new riser pipe (2G43) and the 10" sleeve as it penetrates the 130' elevation floor. Ref. DCR 82-133
84-725	09-23-85	Modify four existing pipe supports on 2P41 system per DCR 82-257.
84-1610	09-22-85	Install reinforcing pad at branch as shown on WPS 2G41-101 (CRD Supports) per DCR 82-257.
84-5988	09-23-85	Install chains and break away locks on new fire protection riser isolation valves per DCR 83-220.
85-71	09-21-85	Fix the south side plate on the HELB barrier of the scram discharge volume isolation valve. Ref: DCR 82-206.
85-2987	09-14-85	Install new conduit supports and modify existing supports associated with 2E22095-28. Ref. WPS 82254-E010 Ref: DCR 82-254

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
85-3007	09-05-85	Repair 2P41-C001B PSW pump seal per DCR 85-131.
85-3093	09-14-85	Replace TSC AHLL roll filter media per DCR 80-157.
85-3353	09-07-85	Reroute cables to new terminal points per WPS 83-278-E014 and DCR 83-278

OPERATING DATA REPORT

DOCKET NO. 50-366
 DATE 10-10-85
 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:	09-85
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:	N/A
9. Power Level to Which Restricted, If Any (Net MWe):	No Restrictions
10. Reasons for Restrictions, If Any:	N/A

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	720	6551	53088
12. Number of Hours Reactor was Critical	720.0	5319.9	35499.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	5202.7	33826.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1720200	12242664	73444246
17. Gross Electrical Energy Generated (MWH)	566360	4053830	24213310
18. Net Electrical Energy Generated (MWH)	542565	3876243	23038692
19. Unit Service Factor	100.0	79.4	63.7
20. Unit Availability Factor	100.0	79.4	63.7
21. Unit Capacity Factor (Using MLC Net)	100.8	79.1	58.0
22. Unit Capacity Factor (Using DER Net)	96.1	75.5	55.4
23. Unit Forced Outage Rate	0.0	3.0	11.4
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: 09-10-85
 COMPLETED BY: Lee M. Kanipe Jr.
 TELEPHONE (912) 367-7781 x 2882

MONTH 09-85

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	762
2	761
3	762
4	761
5	764
6	762
7	758
8	761
9	761
10	760
11	761
12	764
13	760
14	451
15	681
16	766

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17	769
18	771
19	770
20	769
21	767
22	771
23	770
24	772
25	768
26	774
27	779
28	779
29	777
30	775

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-366 UNIT NAME HATCH TWO
 COMPLETED BY Gary M. Koerber TELEPHONE (912) 367-7851 (2882) DATE OCTOBER 10, 1985
 REPORT MONTH SEPTEMBER

NO.	DATE	T Y P E	DURATION (HOURS)	R E A S O N	METHOD OF SHUTTING DOWN REACTOR	LICENSEE EVENT REPORT NUMBER	S C T O E D M E	COMPONENT CODE	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
85-048	850913	S	49.78	B	5	N/A	RC	CONROD	Rod Sequence Exchange

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

October 10, 1985

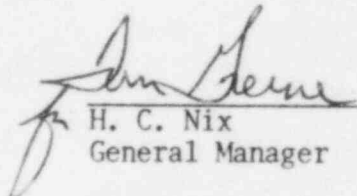
LR-MGR-031-1085

PLANT E. I. HATCH
NRC Monthly Operating Report

Director
Office of Inspection and Enforcement
U. S. 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

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HCN/CTJ/GAG/EZW/JHR/kel

for
xc: T. V. Greene
E. Z. Wahab
J. H. Richardson
Document Control File
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