

NARRATIVE REPORT
UNIT 1

August 1st	0000	Unit in cold shutdown following scram on 7-24-85. MSIV repair continues.
August 4th	0349	Rod withdrawal commencing.
	0501	Reactor Critical
August 5th	1153	Generator tied to line. Ramping toward rated Maximum Dependable Capacity (MDC).
August 7th	1930	Reached rated MDC.
August 10th	0005	Reducing power for rod pattern adjustment.
	0850	Rod pattern adjustment complete, Ramping back to rated.
August 11th	2037	Back at rated MDC.
August 18th	0001	Reducing load for weekly turbine test and MSIV exercise.
	0110	MSIV exercise complete.
	0200	Turbine testing complete. Ramping back to rated.
	0341	Back at rated MDC.
August 25th	0000	Reducing load for weekly turbine test and MSIV exercise.
	0240	MSIV exercise complete.
	0312	Turbine testing complete. Ramping back to rated.
	0721	Back at rated MDC.
August 31st	2400	Reducing load to approximately 710 GMWE for weekly turbine testing.

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NARRATIVE REPORT
UNIT 2

August 1st	0000	Unit on line at 792.3 GMWE and 2436 CMWT with no major equipment problems.
August 3rd	0125	Reducing load for weekly turbine testing.
	0301	Testing complete. Ramping back to rated MDC.
	0355	Back at rated MDC.
August 11th	0030	Reducing load for weekly turbine testing.
	0221	Testing complete. Ramping back to rated MDC.
	0257	Back at rated MDC.
August 17th	0003	Reducing load for rod pattern adjustment and turbine testing.
	0200	Investigating high temperature reading on "A" Recirc pump motor.
	0312	"A" Recirc pump taken out of service.
	0830	Reducing power for reactor shutdown.
	1025	Reactor manually scrammed, to investigate cause of "A" Recirc pump motor bearing high temperature.
August 18th	0450	Reactor startup in progress. Pulling rods.
	0730	Reactor critical.
August 19th	0432	Generator tied to line. Ramping toward rated MDC.
August 21st	1705	Back at rated MDC.
August 23rd	2315	Reducing load for weekly turbine testing.

NARRATIVE REPORT
UNIT 2

August 24th	0140	Testing complete
	0149	Back at rated MDC.
August 30th	2331	Reducing load for weekly turbine testing.
August 31st	0205	Testing complete. Back at rated MDC.
	2400	Unit on line at 791 GMWE. No major equipment problems.

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
85-3128	06-13-85	Replaced Tektronix hard copier (1X75-P631) with spare unit in the SPDS control room console. Ref. DCR 80-157, Rev. 1.
82-3269	06-25-85	Cut flanged section of 8" fire protection line and rotated horizontally 180° to a point out from under fuel pool condensate line. Pipe was rewelded, hydro tested, and inspected per DCR 85-64.
84-2242	08-06-85	Temporary cable for Temp. Recorder 1N30-R901 - MWO voided. Work for DCR-82-265 postponed.
84-7485	07-31-85	Clean, prime and coat new pipe supports. Work completed under MWO-1-85-2014. Ref. DCR 80-183 and MWO-1-84-5910
85-4099	08-06-85	Replace bad conductor for RWCU Isolation valve (1G31-F001) indicating light with existing spare cable in panel H11-P622. Ref.: DCR 85-112
85-4102	08-21-85	Installed padlock on circuit breaker for MSL Drain Throttle Valve per WPS-84-007-E001. Ref. DCR 84-007
85-3860	08-15-85	Remove duplicate circuit and raceway labels in the intake structure building and replaced with new labels for the circuits indicated by DCR 85-101 and SDR-85-101-001.

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
85-3885	08-09-85	Removed excess flow check valve 1B31-F055 and performed wiring changes per WPS 83-26-E001. Ref.: DCR 83-26
83-4112	08-24-85	Replaced bearing cartridge in RWCU dump valve (1G31-F034) with cartridge ordered for 2E51-F007 as per DCR-85-133.
85-2700	08-30-85	Upgraded masonry walls in the oil conditioner rooms (1C-117 and 2C-117) from two hour rating to three hour rating per WPS-83-242-F001. Ref. DCR 83-242 (Appendix "R")

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
84-1484	08-30-85	Modified pipe supports to satisfy design requirements for piping system supports per I.E.B. 79-14. Ref.: DCR 82-257, Rev. 1 and HNP-6942
84-5135	08-12-85	Replaced temporary recorder scales on recorders 2P33-R601A&B and 2P33-R602A&B on panels 2H11-P689 and 2H11-P690 with permanent scales. Ref. DCR 81-165
84-6052	08-28-85	Installed cable XZX901C29 between 2X75-P600 and 2X75-P602 per work package WPS 80-157-EC15. Redlined cable XZX901C29 per work package WPS 80-157-EM39
82-5716	06-13-85	Sealed penetration with silicone foam per HNP-6908. Work done under MR 2-82-5729. Ref. DCR 82-133
84-5746	08-02-85	Calibrated Validyne buffer amplifier modules in ERF panel 2X75-P601 per WPS 80-157-EM35 and HNP-2-5394. Replaced amplifier cards 2X75-K778 and 2X75-K797 which were found to be defective. Ref. DCR 80-157, Rev. 1
84-5391	08-02-85	Disconnected existing cables and reconnected the same cables at different terminal block points in main control room panel 2H11-P603 and SPDS consoles 2X75-P606 and 2X75-P608 and redlined the wiring. Ref. DCR 80-157, Rev. 1
85-1289	08-06-85	Reworked and retagged the conduit supports CS-703-34 and CS-703-35 and clamped 2" outer diameter aluminum 2E12095 down to the conduit support CS-706-36. Ref. DCR 80-157, Rev. 1

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
85-2750	07-04-85	Added anti-pumping circuitry to 2E51-F119 valve. Ref. DCR 80-440, Rev. 1, FCR 80-440-23.
85-1945	07-25-85	Modify raceway supports per WPS 84-258-E001 FCR's 84-258-1 thru 6, HNP-6942 and 40AC-FPX01-0. Ref.: DCR 84-258, (Appendix R)
85-849	08-06-85	Installed raceways and terminal boxes, and revised routing of conduit in the TSC to accomodate field conditions for installation of new cables to 2X75-N020 and N019, and new spare cables. Ref. DCR 80-157 Rev. 1 and WPS-80-157-RC10 & RC11.
85-2653	08-21-85	Modified raceway supports in east cableway and control building (elevation 130') as detailed in WPS-83-273-E001. Ref. DCR 83-273 and DCR 83-237. (Appendix "R")
84-5740	08-21-85	Repulled 11 cables to panel 2X75-P601 and 2X75-P104 to correct raceway routing per WPS 80-157-EC14. Ref. DCR 80-157, Rev. 1
85-2680	08-17-85	Modified contacts in relays 2P33-K15A and 2P33-K15B in panels 2P33-P600A and 2P33-P600B respectively per FCR-81-165-117 and WPS-81-165-E031. Ref. DCR 81-165.
85-2086	08-09-85	Modified existing supports and added new supports for existing conduit to accomodate the addition of fire protection wrapping. Ref. WPS-83-224-E005 and DCR 83-224

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
85-3137	08-17-85	Replaced final filter module, installed new tubing, tubing clamp, and pressure regulator, and checked all tubing connections on panel 2P33-P006 per WPS-83-044-J009. Ref. DCR 83-44
84-1548	07-23-85	Reactor Building to outside atmosphere dp instrumentation MWO voided. Implementation of DCR 82-147 not performed due to design problems.
84-6144	08-13-85	Revised internal wiring in panel Y33-P100 to provide a separate power supply to Y33-P008. Ref.: WPS-80-157-EM40 and DCR 80-157. Rev. 1

OPERATING DATA REPORT

DOCKET NO. 50-321
 DATE 09-10-85
 COMPLETED BY: Lee M. Kanipe, Jr.
 TELEPHONE (912) 367-7781 x 2882

OPERATING STATUS

1. Unit Name: E. I. Hatch Nuclear Plant	Unit 1
2. Reporting Period:	08-85
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	744	5831	84742
12. Number of Hours Reactor was Critical	667.0	4922.1	60086.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	636.1	4693.1	56561.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1498545	10565104	119934294
17. Gross Electrical Energy Generated (MWH)	488210	3462460	38718180
18. Net Electrical Energy Generated (MWH)	466525	3303624	36761470
19. Unit Service Factor	85.5	80.5	66.7
20. Unit Availability Factor	85.5	80.5	66.7
21. Unit Capacity Factor (Using MDC Net)	83.4	75.3	57.7
22. Unit Capacity Factor (Using DER Net)	80.7	72.9	55.8
23. Unit Forced Outage Rate	14.5	15.4	17.9
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: 09-10-85
 COMPLETED BY: Lee M. Kanipe Jr.
 TELEPHONE (912) 367-7781 x 2882

MONTH 08-85

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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1	-14
2	-14
3	-14
4	-14
5	120
6	645
7	739
8	760
9	762
10	567
11	700
12	762
13	762
14	761
15	759
16	757

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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17	760
18	755
19	758
20	761
21	761
22	762
23	762
24	762
25	753
26	762
27	762
28	761
29	760
30	761
31	760

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 85DOCKET NO. 50-321UNIT NAME Hatch OneDATE 09-07-85COMPLETED BY Lee KanipeTELEPHONE (912) 367-7851 x.288

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Scramming Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
85-68	850801	F	107.9	A	3	1-85-27	CD	VALVEX	Continuing outage to repair MSIV's following scram on 07-24-85.
85-69	850805	S	55.6	B	5	N/A	CD	VALVEX	Scram recovery from above outage
85-70	850810	S	44.5	B	5	N/A	RC	CONROD	Reducing Load for Rod Pattern Adjustment
85-71	850818	S	3.7	B	5	N/A	HA	TURBIN	Weekly Turbine Testing and MSIV exercise.
85-72	850825	S	7.4	B	5	N/A	HA	TURBIN	Weekly Turbine Testing and MSIV exercise

¹ F: Forced
S: Scheduled

² Reason:
A-Equipment Failure (Explain)
B-Maintenance or 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

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OPERATING DATA REPORT

DOCKET NO. 50-366
 DATE 09-10-85
 COMPLETED BY: Lee M. Kanipe Jr.
 TELEPHONE (912) 367-7781 x 2882

OPERATING STATUS

- | | |
|--|-----------------|
| 1. Unit Name: E. I. Hatch Nuclear Plant | Unit 2 |
| 2. Reporting Period: | 08-85 |
| 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	744	5831	52368
12. Number of Hours Reactor was Critical	722.9	4599.5	34779.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	701.9	4482.7	33106.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1669728	10522464	71724046
17. Gross Electrical Energy Generated (MWH)	544510	3487470	23646950
18. Net Electrical Energy Generated (MWH)	520652	3333678	22496127
19. Unit Service Factor	94.3	76.9	63.2
20. Unit Availability Factor	94.3	76.9	63.2
21. Unit Capacity Factor (Using MDC Net)	93.6	76.4	57.4
22. Unit Capacity Factor (Using DER Net)	89.3	72.9	54.8
23. Unit Forced Outage Rate	5.7	3.5	11.6
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
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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 08-85

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	763
2	767
3	765
4	772
5	768
6	764
7	766
8	767
9	764
10	760
11	766
12	765
13	765
14	764
15	766
16	764

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17	163
18	-18
19	283
20	667
21	743
22	759
23	758
24	760
25	762
26	761
27	762
28	764
29	762
30	762
31	762

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 85

DOCKET NO. 50-366
 UNIT NAME Hatch Two
 DATE 09-07-85
 COMPLETED BY Lee Kanipe
 TELEPHONE (912) 367-7851 x.288

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
85-41	850803	S	2.5	B	5	N/A	HA	TURBIN	Weekly Turbine Testing
85-42	850811	S	2.5	B	5	N/A	HA	TURBIN	Weekly Turbine Testing
85-43	850817	S	10.4	B	5	N/A	RC	CONROD	Rod Pattern Adjustment and Weekly Turbine Testing
85-44	850817	F	42.1	A	2	N/A	CB	MOTORX	Manual Scram for investigation of Recirc Pump Motor "A" Bearing High Temperature.
85-45	850819	S	60.6	B	5	N/A	CB	MOTORX	Recovery from above Scram
85-46	850823	S	2.6	B	5	N/A	HA	TURBIN	Weekly Turbine Testing
85-47	850830	S	2.6	B	5	N/A	HA	TURBIN	Weekly Turbine Testing

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

September 6, 1985

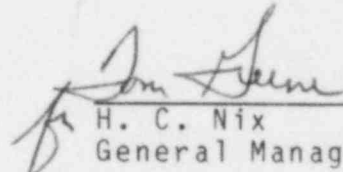
LR-MGR-017-0985

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

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HCN/CTJ/GAG/EZW/JHR/bb

xc: T. V. Greene
E. Z. Wahab
J. H. Richardson
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