NARRATIVE REPORT
UNIT 1

May 4th	2054	Load decrease in progress for MSIV Closure Time Testing (HNP-1-3111) & TCV Fast Closure Instr. Functional Testing (HNP-1-3007).
May 4th	2330	Testing of closure times complete. Load dropped to approx. 290 GMWE for Rod Sequence Exchange.
May 5th	546	Increasing load back to rated via recirc from Rod Sequence Exchange.
May 5th	748	Stopped increasing load at 465 GMWE for OD-2's. Slowly ramping back to rated power.
May 7th	2230	Load at 762 GMWE. Back to rated power.
May 11th	2318	Reduced load for weekly Turbine Test & RFPT Weekly Test. Load presently at 761 GMWE.
May 11th	0121	Load increased from Weekly Turbine Testing Reduction and stopped at 740 MWE.
May 16th	1414	Reducing load to repair feedwater leaks.
May 16th	1930	Stopped reducing power and maintaining approx. 150 MWE.
May 17th	0102	Beginning to ascend in power per management.
May 17th	0815	Increasing power to 600 MWE from 513 MWE via Reactor Recirc.
May 17th	2310	Begin Reducing reactor power from 656 MWE to approx. 400 MWE to remove 1A circulating water pump from service due to lack of oil in bearing sight glass.
May 18th	305	Increasing load via Recirc to approx. 450 MWE. Begin gradual ascension back to rated power.
May 18th	2216	Load to rated power, approx. 760 MWE.

IE24

NARRATIVE REPORT
UNIT 1

May 27th	0007	Reducing power for HNP-1-3939 (Control Rod Exercise). Dropping load to approx. 650 MWE.
May 27th	0502	HNP-1-3939 complete & satisfactory. Load back to rated power.
May 27th	2110	Load reduction starting for Weekly Turbine & RFPT testing. Load being dropped to approx. 640 MWE.
May 28th	130	All daily & weekly testing complete. Power increasing to rated.
May 28th	0400	Power is back to rated, approx. 760 MWE.

HATCH 1 SAFETY-RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR MAY 1984

NUMBER	DATE COMPLETED	DESCRIPTION
82-856	02-25-82	Install Y34-L125C, Conduit Supports, Conduits 2MR3761 & 2MR3762. Pull & terminate cables YXX708S19 & A57. Temporary conduit and cables installed. (Ref: DCR 82-15).
84-33	04-15-84	Installed Conduits Z43-P013-M001 thru M010, R25-S065-M33, and IMC-8978 with Associated Supports for smoke detectors in LPCI Inverter Room. Also installed Z43-P013 panel, alarm bell, battery pack & (9) smoke detectors Z43-N050A thru N050I.
84-2190	04-14-84	Drill & tap the HPCI Min. Flow Valve operator mounting hole to allow a 7/8" stud. Mount operator & connect wires per DCR 84-140. (Ref: MR 1-84-2155).

OPERATING DATA REPORT

DOCKET NO. 50-321
DATE 06-10-84
COMPLETED BY: M. G. McBay
TELEPHONE (912) 367-7851

OPERATING STATUS

1. Unit Name: E. I. Hatch Nuclear Plant Unit 1
2. Reporting Period: 05-84
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:

Notes

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744	3647	73774
12. Number of Hours Reactor was Critical	744.0	2978.6	52503.7
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744.0	2882.5	49275.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1729944	6617548	103835576
17. Gross Electrical Energy Generated (MWH)	540540	2108720	33566890
18. Net Electrical Energy Generated (MWH)	516503	2009817	31869180
19. Unit Service Factor	100.0	79.0	66.8
20. Unit Availability Factor	100.0	79.0	66.8
21. Unit Capacity Factor (Using MDC Net)	92.3	73.3	57.4
22. Unit Capacity Factor (Using DER Net)	89.3	70.9	55.6
23. Unit Forced Outage Rate	0.0	19.1	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		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-321
DATE: 06-10-84
COMPLETED BY: M. G. McBay
TELEPHONE (912) 367-7851

MONTH 05-84

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	730	17	512
2	730	18	613
3	729	19	727
4	705	20	728
5	426	21	726
6	607	22	724
7	699	23	725
8	728	24	725
9	731	25	725
10	731	26	723
11	728	27	710
12	724	28	723
13	728	29	725
14	726	30	729
15	731	31	732
16	522		

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-321
UNIT NAME Hatch 1
DATE 6-10-84
COMPLETED BY M. G. McBay
TELEPHONE 912-367-7851

REPORT MONTH May

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
84-33	5-01-84	F	744.0	A	5	N/A	HA	TURBIN	13th stage buckets on low-pressure Turbine were damaged and are out for the duration of May.
84-34	5-04-84	F	2.6	B	5	N/A	CD	VALVEX	MSIV Closure time testing (HNP-1-3111).
84-35	5-04-84	F	63.5	H	5	N/A	RB	CONROD	Load reduction to approx. 30% for Rod Sequence Exchange.
84-36	5-11-84	S	3.7	B	5	N/A	HA	TURBIN	Load reduction for Weekly Turbine Testing.
84-37	5-16-84	F	32.9	A	5	N/A	CH	HEATER	Reduced load to repair feedwater leaks & ramped back up to 80%.
84-38	5-17-84	F	23.1	A	5	N/A	HF	PUMPXX	Reduced load from 80% to 50 to remove 1A circulating water pump.

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

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May

DOCKET NO. 50-321
UNIT NAME Hatch 1
DATE 6-10-84
COMPLETED BY M. G. McBay
TELEPHONE 912367-7851

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
84-39	5-27-84	S	4.9	B	5	N/A	RC	CONROD	Control Rod Exercise in progress (HNP-1-3939).
84-40	5-27=84	S	6.8	B	5	N/A	HA	TURBIN	Load reduction for weekly turbine test.

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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NARRATIVE REPORT
UNIT 2

May 1st	0000	Recirc Piping Outage still in progress.

HATCH 2 SAFETY-RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR MAY 1984

NUMBER	DATE COMPLETED	DESCRIPTION
83-5625	04-06-84	Installed core drilled sleeves in walls according toi B-E-81-174-47 & 48 Rev. A. Work done to provide transient monitoring instrumentation of HPCI/RCIC systems. (Ref: DCr 81-174).
83-6044	03-20-84	Perform 25% change out of hydraulic snubbers to maintain 100% change out every 4 yrs.
84-597	03-26-84	Performed Hydrostatic test on cooling water piping to and from 2T41-B005 A&B for HPCI Room cooler. (Ref: DCR 82-185).
84-682	04-18-84	Installed two Asco switches (P/N SB11A) in '2A' Diesel Room. Fabricated & installed tube support. Fabricated and installed 3/8" S.S. Tubing. Also Fabricated and installed 3/8" copper tubing, fittings and valves. (Ref: DCR 80-98).
84-769	04-15-84	Remove circuit CLX701M15 per WPS-82-258-E002. Disconnect at 2R26-M021 and 2C71-P003E. (Ref: DCR 82-258).
84-908	03-15-84	Add weight to shifter lever arm in the diesel bldg. for the rolling fire doors. (Ref: DCR 84-61 & FDR 84-61-1)).
84-975	04-18-84	Completed all internal and external wiring & mounting of new relay, timers, switches and installed conduit as per DCR 82-259. Work to be done per Diesel Generator Keepwarm System Modification Kit. (Ref: DCR 82-259).
84-1019	03-29-84	Replace damaged section of vent header (2T43) with new section fabricated by CBI. (Ref: DCR 84-049).

HATCH 2 SAFETY-RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR MAY 1984

NUMBER	DATE COMPLETED	DESCRIPTION
84-1048	03-03-84	Replace safety relief valve position indication relay (2B21-K15D) in panel 2H11-P628. (Ref: DCR 84-90).
84-1374	04-16-84	Disconnect wiring and remove relays (2H21-P303) per FCR-78-256-7. Install new relays and wiring. Redline internal wiring changes. (Ref: DCR 78-256).
84-1203	03-15-84	Replace stern nut on new limitorque SB-0 actuator in order to fit existing valve stem for 2E41-F011. (Ref: DCR 81-177).
84-1517	04-17-84	Perform D/G 2A Loading timer modifications on panel 2H21-P303 per WPS 78-256-E018. (Ref: DCR 78-256).
84-1635	04-15-84	Perform D/G 2A load shed panel modifications per WPS 78-256-E019. Verify that all external cables have been redlined. (Ref: DCR 78-256).
84-1636	04-16-84	Perform D/G 2A Load Shed Panel modifications per WPS 78-256-020. (Ref: DCR 78-256). Disconnect cables and remove Rochester Panel 2H21-P303, replacing it with Eagle timer panel.
84-1643	04-17-84	Replace alarm windows A6 and A7 on D/G 2A control panel 2H11-P652 and remove alarm window A18 on D/G 2A local control panel 2R43-P001A per WPS 78-256-E021. (Ref: DCR 78-256).

OPERATING DATA REPORT

DOCKET NO. 50-366
DATE 06-10-84
COMPLETED BY: M. G. McBay
TELEPHONE (912) 367-7851

OPERATING STATUS

Notes

1. Unit Name: E. I. Hatch Nuclear Plant Unit 2
2. Reporting Period: 05-84
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	744	3647	41400
12. Number of Hours Reactor was Critical	0.0	308.2	27379.4
13. Reactor Reserve Shutdown Hours	0.0	0	0
14. Hours Generator On-Line	0.0	308.2	26096.1
15. Unit Reserve Shutdown Hours	0.0	0	0
16. Gross Thermal Energy Generated (MWH)	0	726912	55945167
17. Gross Electrical Energy Generated (MWH)	0	242640	18414420
18. Net Electrical Energy Generated (MWH)	-2179	221769	17510876
19. Unit Service Factor	0.0	8.4	63.0
20. Unit Availability Factor	0.0	8.4	63.0
21. Unit Capacity Factor (Using MDC Net)	-0.4	8.1	56.6
22. Unit Capacity Factor (Using DER Net)	-0.4	7.8	54.0
23. Unit Forced Outage Rate	0.0	0.0	13.1

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: 06-10-84
COMPLETED BY: M. G. McBay
TELEPHONE (912) 367-7851

MONTH 05-84

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

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-366
UNIT NAME HATCH 2
DATE 6-10-84
COMPLETED BY M. G. McBay
TELEPHONE 912-367-7851

REPORT MONTH May

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
84-5	5-01-84	S	744.0	H	2	N/A	CB	PIPEXX	Recirc. Pipe Replacement 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.
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5-Load Reduction
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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)

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

Georgia Power

Edwin I. Hatch Nuclear Plant

June 7, 1984
GM-84-494

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

JAB/sw

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1/1