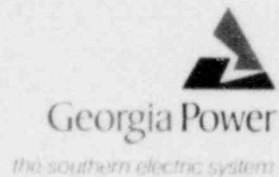


Georgia Power Company
Post Office Box 442
Baxley, Georgia 31513
Telephone 912 567-7781
912 537-9444

Edwin I. Hatch Nuclear Plant



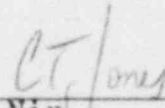
April 8, 1982
PM-82-282

PLANT E. I. HATCH
NRC Monthly Operating Report

Ted Cintula
12105 M.M.B.B.
United States Nuclear Regulatory Commission
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.



H. C. Nix
Plant Manager

HLS/hh

8205140350 820408
PDR ADOCK 05000321
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-321
DATE 04-10-82
COMPLETED BY TONY GILBRETH
TELEPHONE (912) 367-7781 x 203

OPERATING STATUS

- 1. Unit Name: E.I. Hatch Nuclear Plant Unit 1
- 2. Reporting Period: 03-82
- 3. Licensed Thermal Power (MW): 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): 761.7
- 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	2160	54768
12. Number Of Hours Reactor Was Critical	744.0	1309.9	39761.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	1217.5	37051.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1705596	2652839	77430291
17. Gross Electrical Energy Generated (MWH)	550630	858480	25082210
18. Net Electrical Energy Generated (MWH)	527462	815061	23823929
19. Unit Service Factor	100.0	56.4	67.7
20. Unit Availability Factor	100.0	56.4	67.7
21. Unit Capacity Factor (Using MDC Net)	93.1	49.5	57.1
22. Unit Capacity Factor (Using DER Net)	91.2	48.5	56.0
23. Unit Forced Outage Rate	0.0	2.4	18.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

- 25. If Shut Down At End Of Report Period, Estimated Date of Startup:
- 26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast Achieved

(9777)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-321
 DATE 04-10-82
 COMPLETED BY TONY GILBRETH
 TELEPHONE (912) 367-7781 x 203

MONTH 03-82

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	539	17	752
2	505	18	752
3	718	19	745
4	732	20	733
5	747	21	749
6	749	22	758
7	744	23	758
8	757	24	757
9	757	25	757
10	756	26	733
11	747	27	472
12	746	28	698
13	755	29	744
14	755	30	578
15	754	31	474
16	755		

(9777)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March

DOCKET NO. 50-321
 UNIT NAME Hatch 1
 DATE 4-7-82
 COMPLETED BY R. A. Gilbreth
 TELEPHONE 912-367-7851

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
82-13	3-1-82	F	28	A	5	NA	HH	HTEXCH	Condenser tube leak
82-14	3-3-82	S	9	B	5	NA	XX	XXXXXX	Rod pattern adjustment
82-15	3-7-82	S	2	B	5	NA	HA	TURBIN	Daily turbine testing
82-16	3-11-82	F	7	A	5	NA	WC	DEMINX	Condensate demin problems
82-17	3-19-82	S	8	B	5	NA	HA	TURBIN	Weekly turbine testing
82-18	3-26-82	S	44	B	5	NA	XX	XXXXXX	Rod sequence exchange
82-19	3-30-82	F	34	A	5	NA	HH	HTEXCH	Condenser tube leak

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

HATCH 1 SAFETY-RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR March 1982

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
82-142	03-26-82	Fabricate & install core spray line shielding
82-1520	04-01-82	Repair blown pump seals on RWCU pump 1A
82-5074	03-24-82	Pull cable in control building for radmonitoring drywell sump
81-4908	03-25-82	Pull cable in control building for radmonitoring drywell sumps
81-4906	03-25-82	Pull cable in control building for radmonitoring drywell sumps
82-170	03-26-82	Fabricate & install shielding for core spray line B
81-6600	03-08-82	Pull cable for torus water cleanup electrical system
82-69	03-16-82	Remove volute & suction drain lines for reactor feed pumps
82-143	03-22-82	Fabricate & install core spray line shielding
82-141	03-22-82	Fabricate & install core spray line shielding
82-140	03-22-82	Fabricate & install core spray line shielding
82-139	03-22-82	Fabricate & install core spray line shielding
82-138	03-22-82	Fabricate & install core spray line shielding
82-137	03-22-82	Fabricate & install core spray line shielding
81-8022	03-09-82	Core drill north reactor building wall
81-5071	01-19-82	Route radwaste solidification piping

NARRATIVE REPORT
UNIT 1

March 1-2	Reduced load to check for condenser tube leaks @ 11:16.
March 3rd	Reduced load for rod pattern adjustment @ 21:06.
March 7th	Reduced load for daily turbine testing @ 00:45.
March 11th	Reduced load for backwash & precoat condensate demin 1F @ 21:35.
March 19th	Reduced load for weekly turbine testing @ 20:45.
March 26th	Reduced load @ 2100 for rod sequence exchange.
March 30th	Reduced load to check for condenser tube leaks.

HATCH 2 SAFETY-RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR March 1982

NUMBER	DATE COMPLETED	DESCRIPTION
81-2596	03-22-82	Fabricate & install pipe hangers as per DCR 81-51 on radwaste solidification piping
82-520	03-19-82	Perform hydrostatic test of newly installed piping
82-760	03-09-82	Core drill reactor building east wall
81-849	03-03-82	Remove sensor from installed location & verify temperature
81-754	03-03-82	Verify temp. vs. setpoint ohm reading found on S-33001
81-4602	03-09-82	Cut additional clearance for cables in RPS vert. cableway
82-1124	03-13-82	Reroute scram discharge volume high level switches
82-505	03-04-82	Fabricate & install conduit supports in control building
82-1197	03-11-82	Remove snubber
82-1199	03-11-82	Remove snubber 2E11-RHR-R98A
82-1207	03-11-82	Remove snubber
82-1210	03-11-82	Remove snubber
82-1209	03-11-82	Remove snubber
82-1198	03-11-82	Remove snubber
82-1196	03-11-82	Remove snubber
82-1202	03-11-82	Remove snubber
82-1200	03-11-82	Remove snubber
82-1204	03-11-82	Remove snubber
82-1208	03-11-82	Remove snubber
82-1201	03-11-82	Remove snubber
82-1206	03-11-82	Remove snubber
82-1205	03-11-82	Remove snubber
82-1203	03-11-82	Remove snubber

NARRATIVE REPORT
UNIT 2

March 1st

Unit remaining in refueling outage.

OPERATING DATA REPORT

DOCKET NO. 50-366
 DATE 04-10-82
 COMPLETED BY TONY GILBRETH
 TELEPHONE (912) 367-7781 x 203

OPERATING STATUS

Notes

1. Unit Name: E. I. Hatch Nuclear Plant Unit 2
2. Reporting Period: 03-82
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): 770.9
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	2160	22537
12. Number Of Hours Reactor Was Critical	0.0	1162.0	16460.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	1097.7	15661.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0	1975662	33805286
17. Gross Electrical Energy Generated (MWH)	0	638260	11010770
18. Net Electrical Energy Generated (MWH)	-2701	601608	10482133
19. Unit Service Factor	0.0	50.8	69.5
20. Unit Availability Factor	0.0	50.8	69.5
21. Unit Capacity Factor (Using MDC Net)	-0.5	36.1	60.3
22. Unit Capacity Factor (Using DER Net)	-0.5	35.5	59.3
23. Unit Forced Outage Rate	100.0	20.9	10.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down 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

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-366
DATE 04-10-82
COMPLETED BY TONY GILBRETH
TELEPHONE (912) 367-7781 x 203

MONTH 03-82

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

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March

DOCKET NO. 50-366
 UNIT NAME Hatch 2
 DATE 4-7-82
 COMPLETED BY R. A. Gilbreth
 TELEPHONE 912-367-7851 X203

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
82-2	2-19-82	S	744	C	4	NA	RC	FUELXX	Reactor scram for 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.
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 5-Load Reduction
 9-Other (Explain)

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 Exhibit I - Same Source

(9/77)