

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



Edwin I. Hatch Nuclear Plant

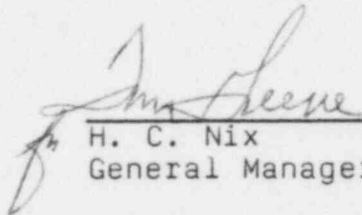
May 6, 1983
GM-83-460

PLANT E. I. HATCH
NRC Monthly Operating Report

Director
Office of Inspection and Enforcement
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, and for Hatch Unit 2, Docket #50-366.



H. C. Nix
General Manager

HLS/hh

IE24

8305180279 830506
PDR ADOCK 05000321
R PDR

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April

DOCKET NO. 50-321
 UNIT NAME Hatch 1
 DATE 5-4-83
 COMPLETED BY F. J. Redwanz
 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
83-23	830401	S	16	H	NA	NA	RC	CONROD	Rod Pattern Adjustment.
83-24	830423	S	36	H	NA	NA	RC	CONROD	Rod Sequence Exchange.
83-25	830429	S	23	H	NA	NA	RC	CONROD	Rod Pattern Adjustment.

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

(9/77)

8305180284 830506
 PDR ADOCK 05000321
 R PDR

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April

DOCKET NO. 50-366
 UNIT NAME Hatch 2
 DATE 5-4-83
 COMPLETED BY F. J. Redwanz
 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
83-02	830120	F	81.8	H	5	NA	RC	FUELXX	Offgas Activity High, Reduced Power to meet the Refueling Window.
83-03	830403	S	18	C	5	NA	RC	FUELXX	Reducing Load to Come Offline for Refueling Outage.
83-04	830404	S	637.2	C	Z	NA	RC	FUELXX	Offline 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.
 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

(9/77)

FILE NO. (912) 367-7781 x 203

U.S. Navy - U.S. Navy Plant Unit

- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | Unit Name | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | Unit Name | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | Unit Name | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | Unit Name | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | Unit Name | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | Unit Name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

0. Cooper, L. A. 1961. *Unpublished*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

[illegible]

2. If Shui Dow Windy is located far off, estimated date of capture

THE UNIVERSITY OF CHICAGO

Forecast	Achieved

INITIAL CAPITALITY

INITIAL ELECTRICITY

COMMERCIAL PAPER

9277

AVERAGE DAILY POWER LEVEL

SECRET NO. 50-321

DATE 05-10-83

COMPLETED BY FIELD PERSON

TELEPHONE ONLY

UNIT 04-83

DAY AVERAGE DAILY POWER LEVEL OF FIELD DAILY POWER LEVEL (Hue-Net)

1	683	12	774
2	663	13	773
3	763	14	776
4	769	15	771
5	766	16	775
6	762	17	768
7	763	18	423
8	764	19	593
9	747	20	726
10	770	21	762
11	768	22	754
12	771	23	752
13	766	24	743
14	765	25	537
15	764	26	
16	767	27	

OPERATING DATA REPORT

DOCKET NO 50-366
DATE 10-10-83
COMPLETED BY FREDERICK J REDMAN
TELEPHONE (912) 367-7731 X 203

OPERATING STATUS

- 1. Unit Name: E. I. Hatch Nuclear Plant Unit 2
- 2. Reporting Period: 04-83
- 3. Licensed Thermal Power (MW): 2436
- 4. Nameplate Rating (MW): 3170
- 5. Design Electrical Rating (Net MW): 2740
- 6. Maximum Dependable Capacity (Gross MW): 3033
- 7. Maximum Dependable Capacity (Net MW): 2745
- 8. If changes occur in capacity ratings since Quarter 3 Through 7, Give Reasons:

Power level to be restricted if any (Net MW)
Reasons for restrictions (if any)

	This Month	YTD Date	Cumulative
1. Hours In Reporting Period	720	2880	32017
2. Number Of Hours Generator Was Operating	828	2842.6	23393.7
3. Hours Of Standby (Not Allowed Hours)	0.0	0.0	0.0
4. Hours Generator Shut Down	81.8	2241.8	22226.9
5. Unit Reserve Shut Down Hours	0.0	0.0	0.0
6. Gross Thermal Energy Generated (MMBtu)	120392	499580	47626263
7. Gross Electrical Energy Generated (MMWh)	42120	1327210	15673680
8. Net Electrical Energy Generated (MMWh)	39211	1321252	14919565
9. Unit Average Factor	11.4	7.8	70.9
10. Unit Availability Factor	11.4	77.3	70.0
11. Unit Capacity Factor (Using Net MW)	8.6	59.7	60.2
12. Unit Capacity Factor (Using Gross MW)	8.6	59.0	59.4
13. Unit Forced Outage Rate	0.0	0.0	11.4
14. 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

AVERAGE DAILY UNIT POWER LEVEL

UNIT: 42-3-208
COMPLETED BY: FREDERICK W. SPURDUE
TELEPHONE: (404) 367-7781 X 203

MONTH: 04-93

DAY	AVERAGE DAILY POWER LEVEL PUE-NET	DAY	AVERAGE DAILY POWER LEVEL PUE-NET
1	150	17	-4
2	584	18	-4
3	400	19	-4
4	16	20	-3
5	-12	21	-4
6	-7	22	-4
7	-6	23	-4
8	-5	24	-3
9	-5	25	-3
10	-6	26	-3
11	-6	27	-3
12	-4	28	-3
13	-5	29	-4
14	-5	30	-4
15	-3		
16	-4		

NARRATIVE REPORT
UNIT 1

April 1st	2137 decreasing load to perform rod pattern adjustment.
April 2nd	0300 rod pattern adjustment complete, increasing back to rated conditions.
April 9th	0024 reducing load for weekly turbine testing.
April 9th	0242 weekly turbine test complete and satisfactory, increasing back to rated conditions.
April 16th	0210 reducing load for weekly turbine test.
April 16th	0545 weekly turbine test complete and satisfactory, increasing back to rated conditions.
April 18th	1420 reducing load per management due to offgas stack inlet valve (N62-F527) being closed.
April 18th	1440 valve (N62-F527) opened.
April 18th	1511 increasing back to rated conditions.
April 22nd	2120 reducing load for weekly turbine test.
April 23rd	0040 reducing load to 300 MWe to perform rod sequence exchange.
April 23rd	1100 rod sequence exchange complete, ramping back to rated conditions.
April 29th	2150 reducing load to perform rod pattern adjustment.

NARRATIVE REPORT
UNIT 2

April 3rd 1500 reducing load to come off-line for refueling outage.

April 4th 0946 manual turbine trip.

April 4th 1038 manual scram to start refueling outage.

Hatch Unit 2 was limited to 70% thermal power thru April 3 at 1500 hours due to high offgas activity and meeting the refueling window.

HATCH 1 SAFETY-RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR April 1983

Hatch 1 had no reportable Maintenance Request for the month of April 1983.

HATCH 2 SAFETY-RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR April 1983

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
83-1815	04-11-83	Remove heat tracing cable from CST level switches (Ref. DCR 81-175).
82-5403	11-13-82	Install trip circuit breaker in MCC 2R24-S011A (Ref. DCR 79-476).
82-5402	12-28-82	Install & engrave control switches & associated indicating lights. (Ref. DCR 79-476).
82-5404	11-25-82	Modify panels 2H11-P622, 2H11-P623, 2H11-P700 & 2H11-P702. (Ref. DCR 79-476).
83-946	03-28-83	Modify existing hanger 2E51-RCIC-A706. (Ref. DCR 82-076).
83-953	03-28-83	Install hanger on torus purge system. (Ref. DCR 82-076).
83-834	03-30-83	Install hanger 2T48-S53-H814 on torus purge system. (Ref. DCR 82-076).
83-937	03-22-83	Modify hanger 2E51-RCIC-HR708. (Ref. DCR 82-76).
83-939	03-22-83	Modify hanger 2E51-RCIC-R2. (Ref. DCR 82-76).
83-719	03-22-83	Modify hanger 2T48-S1-H807 on torus purge system. (Ref. DCR 82-076).
83-720	03-22-83	Modify hanger 2T48-S53-H810 on torus purge system. (Ref. DCR 82-076).
83-727	03-22-83	Correct hanger 2T48-S53-H807 on torus purge system. (Ref. DCR 82-076).
83-727		Correct hanger 2T48-S54-H812 on torus purge system. (Ref. DCR 82-076).

83-729	03-22-83	Correct hanger 2T48-S59-H814 on torus purge system. (Ref. DCR 82-076).
83-725	03-22-83	Modify hanger 2T48-S54-H812 on torus purge system. (Ref. DCR 82-076).
83-726	03-22-83	Modify hanger 2T48-S53-H813 on torus purge system. (Ref. DCR 82-076).
82-6131	02-24-83	Pull, lug and tape cable XTX702 M01 on 2081120VAC distribution panel 2R25-S125. (Ref. DCR 80-157).
82-1730	04-06-82	Terminate cables in 125/250 VDC switchgear 2R22-S016, S017. (Ref. DCR 79-427).
82-637	04-03-82	Install raceways in 125/250 VDC switchgear 2R22-S016, S017. (Ref. DCR 79-427).
82-5315	01-04-83	Perform 6" coredrill in the Unit 2 radwaste bldg./east cableway wall between columns T18 & T19 (Ref. DCR 82-128).
82-5314	12-29-82	Seal penetration caused by 6" core drill in the Unit 2 radwaste/east cableway wall between columns T18 & T19. (Ref. DCR 82-128).
82-5392	01-26-83	Install sprinkler system over the Unit 2 dry waste area/trash compactor. (Ref. DCR 82-128).
82-5715	02-21-83	Perform a 12" core drill around the existing 6" hole where the existing 3" riser penetrates the 130' east cableway floor. (Ref. DCR 82-133).
82-5521	12-02-82	Modify existing Unit 2 west cableway sprinkler system (Ref. DCR 82-132).
83-721	03-29-83	Modify hanger 2T48-S54-H803 on torus purge system. (Ref. DCR 82-076).

83-717	03-23-83	Modify hanger 2T48-S1-H801 on torus purge system. (Ref. DCR 82-076).
83-718	03-29-83	Modify hanger 2T48-S1-H805 on torus purge system. (Ref. DCR 82-076).
83-728	03-29-83	Modify hanger 2T48-S54-H813 on torus purge system. (Ref. DCR 82-076).
83-773	04-16-83	Internally wire panel 2H11-P621 for auto transfer of pump suction from CST to torus. (Ref. DCR 81-175).
93-045	03-23-83	Modify existing hanger 2E41-HPCI-HR708. (Ref. (DCR 82-76).
83-951	03-30-83	Install hanger 2T48-CPUR-A708 on torus purge system. (Ref. DCR 82-76).
83-950	03-30-83	Install hanger 2T48-CPUR-A707 on torus purge system. (Ref. DCR 82-76).
83-952	03-31-83	Install hanger 2T48-CPUR-A713 on torus purge system. (Ref. DCR 82-76).
83-969	03-30-83	Install hanger 2T48-S50-H800 on torus purge system. (Ref. DCR 82-076).
83-954	03-31-83	Install hanger 2T48-CPUR-A712 on torus purge system. (Ref. DCR 82-76).
83-974	03-29-83	Install hanger 2T48-CPUR-A709 on torus purge system. (Ref. DCR 82-076).