

# OPERATING DATA REPORT

DOCKET NO. 50-321  
 DATE 08-10-82  
 COMPLETED BY: R. M. Blackwell  
 TELEPHONE (912) 367-7851

## OPERATING STATUS

### Notes

1. Unit Name: E. I. Hatch Nuclear Plant Unit 1
2. Reporting Period: 07-83
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): 764.7
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	5087	66455
12. Number of Hours Reactor was Critical	744.0	3842.3	46794.8
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744.0	3634.3	43784.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1794600	8056070	92304433
17. Gross Electrical Energy Generated (MWH)	575770	2622830	29892320
18. Net Electrical Energy Generated (MWH)	550650	2495851	28382066
19. Unit Service Factor	100.0	71.4	65.9
20. Unit Availability Factor	100.0	71.4	65.9
21. Unit Capacity Factor (Using MDC Net)	96.8	64.2	55.9
22. Unit Capacity Factor (Using DER Net)	95.2	63.1	54.9
23. Unit Forced Outage Rate	0.0	4.9	19.1
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

8308160234 830810  
 PDR ADOCK 05000321  
 PDR

11/2/83  
 11/2/83

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-321  
 DATE: 07-10-82  
 COMPLETED BY: F. J. Redwanz  
 TELEPHONE (912) 367-7851

MONTH 07-83

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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1	749
2	752
3	748
4	750
5	750
6	750
7	750
8	753
9	613
10	726
11	748
12	748
13	745
14	746
15	745
16	745

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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17	734
18	741
19	739
20	742
21	743
22	739
23	741
24	730
25	735
26	742
27	744
28	749
29	750
30	745
31	749

(9/77)

# OPERATING DATA REPORT

DOCKET NO. 50-366  
 DATE 08-10-82  
 COMPLETED BY: R. M. Blackwell  
 TELEPHONE (912) 367-7851

## OPERATING STATUS

### Notes

1. Unit Name: E. I. Hatch Nuclear Plant Unit 2
2. Reporting Period: 07-83
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): 774.5
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	5087	34225
12. Number of Hours Reactor was Critical	437.8	2680.4	23831.5
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	289.9	2531.7	22686.8
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	460584	4551164	48156847
17. Gross Electrical Energy Generated (MWH)	139120	1536330	15812800
18. Net Electrical Energy Generated (MWH)	123920	1447286	15035612
19. Unit Service Factor	39.0	49.8	66.3
20. Unit Availability Factor	39.0	49.8	66.3
21. Unit Capacity Factor (Using MDC Net)	21.5	36.7	56.7
22. Unit Capacity Factor (Using DER Net)	21.2	36.3	56.0
23. Unit Forced Outage Rate	55.2	20.1	13.4
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: 08-10-82  
 COMPLETED BY: R. M. Blackwell  
 TELEPHONE (912) 367-7851

MONTH 06-83

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
-----	--

1	-12
2	-16
3	-16
4	-16
5	-15
6	-15
7	-15
8	-15
9	-16
10	-15
11	-17
12	-16
13	-19
14	-16
15	-15
16	-14

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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17	-16
18	59
19	152
20	241
21	428
22	306
23	-18
24	103
25	433
26	568
27	644
28	586
29	530
30	633
31	731

(9/77)

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July

50-321  
 DOCKET NO. Hatch 1  
 UNIT NAME 8-4-83  
 DATE R.M. Blackwell  
 COMPLETED BY 912-367-7851  
 TELEPHONE

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
83-48	830709	S	8.08	B	5	NA	RC	CONROD	Weekly turbine test & rod pattern adjustment.
83-49	830709	S	18.6	B	5	NA	RC	CONROD	Recovery from above load reduction

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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## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July

DOCKET NO. 50-366  
 UNIT NAME Hatch 2  
 DATE 8-10-83  
 COMPLETED BY R.M. Blackwell  
 TELEPHONE 912-367-7851

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
83-3	830701	F	340.5	C	9	NA	RC	FUELXX	Extension of refueling outage.
83-4	830714	S	7.93	H	4	NA	RC	FUELXX	Ramping from above event.
83-5	830714	F	94.57	G	2	2-83-42	RC	CONROD	Operator inserted control rod out of sequence.
83-6	830718	S	8.0	H	4	NA	RC	CONROD	Ramping from above event.
83-7	830718	F	17.0	A	5	NA	RC	INSTRU	Held power until "A" & "C" tips were returned to service & OD-1 printout obtained.
83-8	830719	S	12.75	H	4	NA	RC	INSTRU	Ramping from above event.
83-9	830720	S	10.08	B	5	NA	RB	CONROD	Held load to perform scram time testing.
83-10	830720	S	6.67	H	4	NA	RB	CONROD	Ramping from above event.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuations  
 5-Load Reduction  
 9-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

(9/77)

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July

DOCKET NO. 50-366  
 UNIT NAME Hatch 2  
 DATE 8-10-83  
 COMPLETED BY R.M. Blackwell  
 TELEPHONE 912-367-7851

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
83-11	830720	F	3.33	B	5	NA	RC	INSTRU	Held load due to problems with "D" TIP.
83-12	830720	S	38.3	H	4	NA	RC	INSTRU	Ramping from above event.
83-13	830722	F	3.63	H	5	2-83-51	CH	TURBIN	Reduced power due to reactor feedpump turbine fire.
83-14	830722	F	42.85	A	3	NA	CH	TURBIN	Rx. scram on loss of Rx. feedpump turbine.
83-15	830724	S	70.83	H	5	NA	CH	TURBIN	Power ascension from above.
83-16	830728	F	1.45	A	5	NA	HC	HTEXCH	Reducing load to stabilize vacuum.
83-17	830728	S	45.3	H	5	NA	HC	HTEXCH	Power ascension from above.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuations  
 5-Load Reduction  
 9-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source

(9/77)



NARRATIVE REPORT  
UNIT 1

July 3rd	0030	Dropping load for weekly turbine test.
July 3rd	0119	Weekly turbine test complete.
July 3rd	0207	Increasing load (load at 771 GMWe).
July 9th	0019	Reducing load for weekly turbine test & rod pattern adjustment.
July 9th	0220	Weekly turbine test complete & rod pattern adjustment continuing.
July 9th	0829	Rod pattern adjustment complete. Increasing back to rated.
July 17th	0050	Reducing load to perform weekly turbine test.
July 17th	0215	Returning to rated conditions.
July 24th	0045	Dropping load to approximately 695 GMWe to perform weekly turbine test.
July 24th	0330	Weekly turbine test complete. Returning to rated conditions.
July 30th	0095	Dropping load for weekly turbine test.
July 30th	0200	Weekly turbine test complete. Returning to rated conditions.



NARRATIVE REPORT  
UNIT 2

July 08th	1825	Pulling rods.
July 08th	1946	Pulling rods.
July 10th	1950	Increasing reactor power via rods.
July 10th	2030	Stopped increasing reactor power at 200 psig.
July 11th	0032	Continued pulling rods.
July 11th	1115	Commenced rod insertion to lower reactor power.
July 11th	1645	Going to cold shutdown.
July 11th	1746	All control rods in full.
July 11th	1920	Reactor mode switch to shutdown.
July 11th	2243	Unit in cold shutdown.
July 12th	1625	Reactor mode switch to startup.
July 12th	1643	Commenced pulling control rods.
July 12th	1756	Reactor critical.
July 13th	0530	Reactor pressure at 950 psig.
July 13th	2100	Started pulling rods to go to run mode.
July 13th	2137	Reactor mode switch to run.
July 14th	0304	Main turbine rolling.
July 14th	0335	Main turbine manually tripped to verify control valve closure.
July 14th	0430	Generator tied to line.
July 14th	1215	Reducing reactor power via control rods.
July 14th	1226	Tripped main turbine.
July 14th	1321	Reactor scram due to inability to sustain vacuum & rod insertion out of sequence.
July 17th	1018	Started pulling rods for startup.
July 17th	1136	Reactor critical.
July 18th	0358	Reactor mode switch to run.

July 18th	0948	Main turbine rolling.
July 18th	1100	Generator tied to line.
July 18th	1221	Holding load until feedwater heaters are placed in service.
July 18th	1720	Continued pulling rods.
July 18th	1900	Attempted OD-1, then discovered bad tip on "C" tip machine.
July 20th	0045	Began scram time testing.
July 20th	1050	Scram time testing complete.
July 20th	1730	Experiencing "D" tip problems.
July 20th	2050	Continuing power ascension.
July 22nd	1108	2A RFPT tripped.
July 22nd	1123	Reducing load per operations supervisor due to fire on 2A RFPT.
July 22nd	1446	Reactor scram due to loss of 2A RFPT.
July 23rd	1445	Reactor critical.
July 24th	0937	Generator tied to line.
July 28th	1515	Reducing load to stabilize vacuum.
July 28th	1642	Increasing power to rated conditions.

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
83-4628	06-09-83	Removed filter elements & inspected U-rings on 1N62-D525A offgas prefilter. DCR 83-90.
83-679	06-22-83	Installed flanges on "B" RWCU pump discharge, vent & drain piping. DCR 80-379.
83-1684	06-01-83	Disconnected cables Z43-M09, M10, M11, M12, M13, M14, M15, M21, M22, M24 & Z43-P001-M21. DCR 80-348.
83-2703	06-01-83	Disconnected cable H11-P653-AX365 & removed from conduit H11-P653-AX365. DCR 80-348.
83-4148	06-29-83	Restored cable trays on R33 system. DCR 83-53 & 79-299.
83-4146	06-21-83	Restore cable tray on R33 system. DCR 83-53 & 79-299.
83-4737	06-23-83	Removed spare cables from trays TMQ0-01 & TEN7-01. DCR 83-53.
83-4145	06-21-83	Restored cable trays on R33 system. DCR 83-53, 79-299.
83-4143	06-22-83	Restored cable trays on R33 system. DCR 83-53, 79-299.
83-4147	06-20-83	Restored cable trays on R33 system. DCR 83-53, 79-299.
83-4149	06-22-83	Restored cable trays on R33 system. DCR 83-53, 79-299.
83-4158	06-23-83	Restored cable trays on R33 system. DCR 83-53, 79-299.
83-4144	06-22-83	Restored cable trays on R33 system. DCR 83-53, 79-299.
83-4152	06-25-83	Restored cable trays on R33 system. DCR 83-53, 79-299.
83-2311	04-29-83	Installed cable tray Z-clips & hold down clamps & bands in control room. DCR 83-53.

83-2544	05-06-83	Removed kaowool from U1 & U2 intake structure. DCR 83-53, 79-299.
83-2630	05-19-83	Restored cable tray covers for U1 diesel bldg. cabletrays.
83-2796	05-06-83	Replaced missing splice plate bolts & installed Z-clips on U1 intake structure cable trays. DCR 83-53.
83-4153	06-25-83	Restored cable trays in U1 cable spreading room. DCR 83-53, & 79-299.
83-4168	07-07-83	Restored cable trays in U1 Rx. Bldg. DCR 83-53.
83-4151	07-12-83	U1 cable spread room - restored cable trays. DCR 83-53.
83-1648	07-13-83	Installed piping & supports from G31-F214 to G31-F205A&B. DCR 79-95.
83-5118	07-12-83	Fabricated hangers C-9-C & J-3-C & installed. DCR 83-53.
83-5119	07-12-83	Fabricated & installed hangers I-26-C, I-12-C, I-11-C, M-24-C & M-45-C & installed. DCR 83-53.
83-5120	07-07-83	Fabricated & installed hangers L-23-C, D-81-C, M-61-C & R-3-C. DCR 83-53.
83-5121	07-12-83	Fabricated & installed hangers M-75-C & M-76-C. DCR 83-53.
83-5122	07-12-83	Fabricated & installed knee braces L-21-C, L-22-C, M-73-C3, M-73-C8, & M-77-C. DCR 83-53.
83-5174	07-08-83	Installed clips & straps on cable trays in diesel & Rx. Bldg. DCR 83-53.
83-5071	07-07-83	Fabricated & installed hangers. DCR 83-53.
83-4740	07-07-83	Installed device to prevent lateral movement of cabletrays. DCR 83-53.

83-5117	07-12-83	Fabricated hanger M-73-C10. DCR 83-53.
83-5116	07-12-83	Fabricated & installed hangers M-73-C4, M-73-C2, M-74,C & M-85-C. DCR 83-53.
82-2726	02-02-83	Terminated cables on stack rad. monitoring system. DCR 80-53.
83-4118	07-06-83	Added cable tray support arms. DCR 83-53.
83-2481	07-19-83	Repaired cable tray supports in U1 S.E. diagonal.
83-619	07-28-83	Fabricated clamps & shims for fuel pool transfer canal. DCR 82-19.
83-5389	07-21-83	Replaced 1C32-N008 GE type 551 press. transmitter with Rosemount 1151-GP type.
83-2397	04-28-83	Fabricated & installed conduit supports for U1 cable spread room. DCR 83-53.
83-5560	08-02-83	Replaced R33 system cable tray clamp nuts.
83-4102	05-15-83	Fabricated & installed conduit supports for U1 cable spread room. DCR 83-53.
83-4159	05-31-83	Restored U1 control bldg. cable trays. DCR 83-53.
83-4154	06-04-83	Restore U1 computer room cable trays. DCR 83-53.
83-4122	05-31-83	Fabricated & installed cable tray supports for U1 Rx. Bldg. DCR 83-53.
83-4121	05-19-83	Fabricated & installed cable tray supports for U1 Rx. Bldg. DCR 83-53.
83-4150	06-25-83	Restored U1 control bldg. cable trays. DCR 83-53, 79-299.
83-4157	06-21-83	Restored U1 Rx. Bldg. cable trays. DCR 83-53 & 79-299.
83-4155	06-25-83	Restored U1 Rx. Bldg. cable trays. DCR 83-53 & 79-299.

83-4123	05-19-83	Installed cable tray support arm in U1 control bldg. DCR 83-53.
83-4156	06-25-83	Restored U1 Rx. Bldg. cable trays. DCR 83-53.
83-4120	06-13-83	Fabricated & installed cable tray supports. DCR 83-53.
82-1711	07-25-83	Installed conduit & pulled cable & installed junction box. DCR 80-349.
82-6490	07-20-83	Installed 1/2 couplings & thermowells on torus water temp. monitoring system. DCR 80-197.
83-577	02-18-83	Fabricated & installed 18" recirc pipe whip restraint. DCR 82-263.
82-8380	07-06-83	Installed post accident sampling system conduits. DCR 79-475.
82-8017	07-01-83	Painted tubing & conduit supports on post accident sampling system. DCR 79-475.
82-6866	05-23-83	Modified RHR system pipe support. DCR 82-75.
82-6700	05-23-83	Modified steam & exhaust pipe support. DCR 82-75.
82-6292	06-27-83	Modified containment purge & inerting system pipe support. DCR 82-75.
82-7601	06-01-83	Rerouted fire detection conduit IMC-7963 & fabricated supports. DCR 80-348.
82-8402	06-02-83	Rerouted conduits & fabricated & installed supports. DCR 80-348.
82-7164	06-02-83	Installed annunciator panel 2243-P012
82-7469	07-01-83	Installed post accident sampling system conduits. DCR 79-475.

82-8366	06-22-83	Core drilled RWCU A&B pump room floor. DCR 79-95.
82-6667	06-27-83	Modified RHR system pipe support. DCR 82-75.
82-6690	06-27-83	Modified RHR system pipe support. DCR 82-75.
82-7783	06-16-83	Relocated electrical equipment in airlock C.B. el. 164'. DCR 80-348.
82-7165	06-02-83	Sawed cut & scarified floor in control bldg. el. 169'. DCR 80-348.
82-8369	05-31-83	Installed pipe valves hangers & fittings on U1 east cableway sprinkler system. DCR 82-133.
83-2312	06-01-83	Installed Z-clips & hold down clamps for cable trays in U1 cable spreading room. DCR 83-53.



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

<u>NUMBER</u>	<u>DATE COMPLETE</u>	<u>DESCRIPTION</u>
83-2214	05-16-83	Installed tray covers in U2 HPCI room.
83-2176	05-10-83	Installed Z-clips holdowns, splice plate nuts, cable clips & kaowool.
83-1990	05-16-83	Installed Z-clips holdowns, splice plate nuts, cable clips & kaowool.
83-1937	05-10-83	Installed Z-clips, holddown clamps, splice & bolts & nuts, kaowool, tray covers. DCR 83-53.
83-1920	05-16-83	Installed Z-clips, holddown clamps, splice & bolts & nuts, kaowool, tray covers. DCR 83-53.
83-1817	05-16-83	Installed Z-clips, hold down clamps & bands on U2 control bldg. cable trays. DCR 83-53.
83-1857	05-07-83	Installed Z-clips, hold down clamps & bands on U2 control bldg. cable trays. DCR 83-53.
83-1831	05-10-83	Installed junction box, knurled bolts, ceraboard, kaowool, tray covers. DCR 83-53.
83-3302	05-21-83	Replaced portions of damaged cable trays sections 2CAA 801, 2DEC801, & 2DED801.
83-1406	07-01-83	Fabricated & installed containment box & support box for 16" pipe on post accident sampling system.
83-2926	06-13-83	Installed Z-clips, tray hold downs, bolts & supports on diesel generator bldg. cable trays.
83-2820	05-28-83	Installed kaowool for tray section 2RBD801.
83-2866	05-31-83	Installed kaowool in U2 Rx. bldg. south ei. 130'.

83-2844	06-01-83	Installed tray hold downs & kaowool in U2 control bldg el. 112.
83-2708	06-04-83	Installed extended tray covers for sections 2BKA902, 2BCA701 & 2BDA701.
83-2733	06-04-83	Restored tray section in west cableway & turbine bldg. el. 130'. DCR 83-53.
83-2400	05-28-83	Restored U2 Rx. bldg. cable trays. DCR 83-53.
83-2436	06-07-83	Restored U2 east cableway & control bldg. cable trays. DCR 83-53.
83-2318	05-11-83	Installed ceraboard in U2 Rx. bldg. cable trays.
83-2250	05-16-83	Restored cable trays in U2 drywell per cable tray restoration.
83-2465	07-05-83	Made wiring changes between main steam isolation valve limit switches & their respective junction boxes. DCR 83-57.
83-2497	07-18-83	Performed grind out of indications area on manifold to endcaps weld on 2B31-1RC-22BM-4. DCR 83-63.
83-3064	07-18-83	Performed initial service inspection on sensing lines connected to 2H21-P404 for ATTS instrument racks. DCR 81-139, R.1.
83-3307	07-12-83	Repaired damaged cable & deleted a circuit which violated cable divisional separation.
83-2944	07-18-83	Heat sink welded the endcap to manifold on 2B31-1RC-22BM-4.
83-3320	07-01-83	Removed solenoid valve P33-F20 from liquid nitrogen supply line to detector collimator assembly (2P33-P210). DCR 79-476.
83-2958	07-18-83	Grinded out welded plug from recirc riser "A". DCR 83-63.

83-3003	06-25-83	Replaced shaft on D/W equipment drain sump pump 2G11-C006B. DCR 83-83.
83-2764	07-18-83	Replaced rx. recirc manifold endcap BM-4. DCR 83-63.
83-3400	07-01-83	Connected valves 2E41-F121 & 2E41-F122. DCR 79-476.
83-3440	07-01-83	Tightened nut on valve 2P70-F004 on drywell pneumatics system. DCR 81-112.
83-3579	07-14-83	Installed post accident sampling cooler on panel 2P33-P214.
83-3607	07-19-83	Fabricated & installed RCIC whip restraint "C". DCR 83-103.
83-2933	06-17-83	Installed new supports & missing hardware on U2 rx. bldg. cable trays. DCR 83-53.
83-2934	06-13-83	Restored cable trays in U2 Rx. Bldg. below elev. 130' torus room. DCR 83-53.
83-2619	06-03-83	Installed cable tray supports on cable trays in U2 Rx. Bldg. below elev. 130' (N.E. Diagonal).
83-3209	07-06-83	Added missing tray support & conduit support in U2 cable spreading room elev. 147'. DCR 83-53.
83-3152	07-12-83	Installed tray supports & 4" channel horizontal & vertical connector on cable tray in U2 Rx. Bldg. torus room below elev. 130'. DCR 83-53.
83-3207	07-12-83	Repaired notched cable tray & added tray supports in U2 control bldg. DCR 83-53.
83-3208	07-06-83	Added missing tray supports & modified existing tray supports & repaired tray rungs per cable restoration. DCR 83-53.

83-2728	06-13-83	Installed new tray supports for cable trays in U2, Control Bldg. elev. 112'. DCR 83-53.
83-2730	07-12-83	Installed kaowool wrap on cable trays in U2 control Bldg. east cableway. DCR 83-53.
83-2731	06-20-83	Installed kaowool wrap on cable trays in U2 Rx. Bldg. N.W. elev. 130'. DCR 83-53.
83-1994	06-25-83	Installed Z-clips hold down clamps, bands & knurled bolts on U2 control Bldg. 147' elev. cable trays. DCR 83-53.
83-2204	05-06-83	Installed tray hold down, kaowool & splice plates on U2 control Bldg. elev. 164' cable trays. DCR 83-53.
83-2215	05-07-83	Installed tray hold downs & reworked cables on U2 Rx. Bldg. elev. 228" cable trays. DCR 83-53.
83-2251	05-09-83	Restored cable trays in U2 Rx. Bldg. below elev. 130' N.E. diagonal. DCR 83-53.
83-2292	05-28-83	Installed Z-clips, hold downs, tray covers & splice plates on U2 Rx. Bldg. elev. 185'. DCR 83-53.
83-2361	06-03-83	Installed tray covers, hold downs, bolts & nuts & ceraboard & Z-clips on U2 Rx. Bldg. elev. 203' cable trays. DCR 83-53.
83-2486	06-15-83	Retagged instrument valves on racks 2H21-P404A through 2H21-P405A. DCR 81-139.
83-2525	06-22-83	Installed annunciator windows on 2H11-P603. DCR 82-100.
83-2833	07-05-83	Installed thermister on 2T43-TE-N029B. DCR 78-358.

83-2832	07-05-83	Installed thermister on 2T43-TE-N030B. DCR 78-358.
83-2834	07-05-83	Installed thermister on 2T43-TE-N030A. DCR 78-358.
83-818	06-17-83	Removed insulation on HPCI & RCIC turbine exhaust check valves. DCR 81-15.
83-1241	06-27-83	Installed pipe support 2E11-RHR-H705. DCR 82-76.
83-2835	07-05-83	Installed new thermister 2T43-TE-N031A. DCR 78-358.
83-820	06-30-83	Calibrated level switches on torus 2E51-NU62A&B & on CST 2E51-N060 & N061. DCR 81-175.
83-2179	06-25-83	Terminated cables CJX806C10 & CJX806M01 on primary containment isolation system. DCR 80-91.
83-2253	06-25-83	Installed GE control relay 2C61-K82 in MCR panel 2H11-P623.
83-2371	06-27-83	Relocated electrical conduit support G5812A per FDR 82-76-115. DCR 82-76.
83-2392	06-22-83	Pulled cables for installation of 2E41-F049. DCR 81-15.
83-3310	06-29-83	Retagged conduits, cables & conductors on 2H11-P657 system. DCR 80-157.
83-3395	07-01-83	Replaced bypass valve for lines E & F on RCS un-diluted grab sample station 2P33-P221. DCR 79-476.
82-4254	07-01-83	Fabricated & installed supports for PASH condensing unit. DCR 79-476.
82-4667	07-01-83	Provided all caulking sealants for past accident sampling room. DCR 79-476.
83-961	06-28-83	Pulled cables for drywell pneumatics system. DCR 80-112.

83-821	06-30-83	Redlined all cables for DCR 81-175. Auto transfer of RCIC pump suction from CST to torus.
83-2046	06-24-83	Disconnected cables ZAE714C01 through C03 & cut cable ZAE714C03 & removed part of conduit 2E12104. DCR 80-348.
83-2604	07-06-83	Redlined circuits on RPS vertical board. DCR 82-100.
83-3379	06-30-83	Installed splice box on 2H11-P602 panel. DCR 82-004.
83-2637	06-22-83	Modified location of actuator on primary containment purge & inerting system isol. valve 2T48-F307. DCR 83-51.
83-816	06-15-83	Redlined cables for low-low set, lowering MSIV, & 2E32 transmitter changeout for ATTS system. DCR 81-139.
83-815	06-15-83	Redlined internal wiring for low-low set, lowering MSIV, & 2E32 transmitter changeout on ATTS system. DCR 81-139.
83-2511	06-27-83	Routed & supported conduits for 2H11-P654 panel. DCR 82-004.
83-3045	07-05-83	Installed new thermister 2T43-TE-N029A. DCR 78-358.
83-3566	07-04-83	Repaired drywell pneumatic isolation valve 2P70-F066. DCR 81-112.
83-3439	07-01-83	Replaced switch operator on post accident sampling valves in panel 2H11-P700A&B.
83-964	06-29-83	Redlined circuits on RCIC low speed transition bypass. DCR 80-440.
83-1374	07-06-83	Sealed instruments on Rx. Bldg. instrument air system. DCR 82-004.
83-1892	07-06-83	Redlined circuits on Rx. Bldg. instrument air system 2P52-N002. DCR 82-004.

83-778	06-30-83	Installed new temp. switches & seismic supports on safeguard equipment cooling system. DCR 82-004.
83-1543	06-02-83	Modified hanger 2B21-MSRV-R47. DCR 82-76.
83-1577	06-04-83	Modified hanger 2B21-MSRV-R46. DCR 82-76.
83-1578	06-27-83	Modified hanger 2B21-MSRV-R49. DCR 82-76.
83-2310	06-02-83	Modified hanger 2B21-MSRV-R79. DCR 82-76.
83-2314	06-02-83	Modified hanger 2B21-MSRV-R88. DCR 82-76.
83-2714	06-27-83	Performed hydrostatic test of sensing lines for panels 2H21-P405A thru E. DCR 81-139.
83-2831	06-22-83	Modified pipe support 2T48-CPUR-R49. DCR 83-51.
83-3082	06-22-83	Repaired pipe support 2T48-CPUR-R49. DCR 83-51.
81-250	06-27-83	Replaced solenoid valve 2B21-F004 with environmentally qualified one. DCR 79-460.
81-628	07-01-83	Replaced solenoid valve 2T41-F044B with environmentally qualified one. DCR 79-460.
81-4854	06-26-83	Replaced solenoid valve 2E21-F006B with environmentally qualified one. DCR 79-460.
82-2234	02-17-83	Routed & supported 1/4" S.S. tubing between Rx. Blog. vent plenum & monitor 2D11-P005. DCR 80-54.
82-2318	06-01-83	Engraved annunciator windows for drywell sump rad. monitors. DCR 79-474.
83-2627	06-29-83	Disconnected cables for completion of recirc endcap AM-4 weld overlay. DCR 83-63.



83-2222	07-01-83	Sealed mechanical penetrations 1,8,10,11, & 12 in post accident sampling room. DCR 79-476.
83-2538	07-05-83	Calibrated & repaired thermister 2T43-N031B.
83-2351	06-27-83	Installed conduit support per DCR 82-76 on conduit 2E15312.
83-2791	07-01-83	Replaced pressure regulator 2P33-F300. DCR 79-476.
83-1098	06-28-83	Installed selector switch & indicating lights for 2P70-F001B. DCR 80-112.
83-3043	07-01-83	Replaced temporary locksets & door stops on post accident sampling room doors. DCR 79-476.
83-3337	06-30-83	Repaired auto transfer level switch 2E51-LS-N062B. DCR 81-175.
83-3267	07-01-83	Repaired RCIC turbine LSTB line isolation valve. DCR 80-440.
81-251	06-20-83	Replaced solenoid valve 2B21-F003 with environmentally qualified valve. DCR 79-460.
81-602	06-25-83	Replaced solenoid valve 2L21-F0037A with environmentally qualified valve. DCR 79-460.
81-603	06-25-83	Replaced solenoid valve 2L21-F0037B with environmentally qualified valve. DCR 79-460.
81-608	05-19-83	Replaced solenoid valve 2E41-F054 with environmentally qualified valve. DCR 79-460.
81-621	05-03-83	Replaced solenoid valve 2T41-F011A with environmentally qualified valve. DCR 79-460.

81-623	05-25-83	Replaced solenoid valve 2T41-F003A with environmentally qualified valve. DCR 79-460.
81-629	05-03-83	Replaced solenoid valve 2T41-F044A with environmentally qualified valve. DCR 79-460.
81-646	06-28-83	Replaced solenoid valve 2T46-F003B with environmentally qualified valve. DCR 79-460.
81-632	06-23-83	Replaced solenoid valve 2T46-F002B with environmentally qualified valve. DCR 79-460.
81-4878	06-26-83	Replaced solenoid valve 2E11-F050B with environmentally qualified valve. DCR 79-460.
81-4879	06-25-83	Replaced solenoid valve 2E21-F006A with environmentally qualified valve. DCR 79-460.
83-1653	06-22-83	Replaced flow switches for automatic isolation of service water. DCR 78-68.
83-2123	06-30-83	Fabricated & installed 2" S.S. pipe, fitting & valve on drywell pneumatics system. DCR 81-112.
83-2762	06-27-83	Disconnected cables TPE806C02 & TPE809C02 at box for valve 2T48-F212. DCR 82-76.
83-2382	06-04-83	Disconnected & retagged cables for drywell cooling system. DCR 80-157.
83-1809	06-29-83	Modified MCR panel 2H11-P700 per DCR 81-112 for drywell pneumatic system.
83-1457	06-25-83	Routed & supported conduits for drywell pneumatics system. DCR 81-112.
83-1468	06-23-83	Replaced limit switches on standby gas filter butterfly AO valve. DCR 80-204.

83-1547	06-02-83	Modified hanger 2B21-MSRV-R64. DCR 82-76.
83-1019	06-27-83	Modified hanger 2E51-RCIC-HR2. DCR 82-76.
83-1026	06-27-83	Installed hanger 2E41-HPCI-A12 on HPCI system. DCR 82-76.
83-1086	06-02-83	Modified hanger 2T49-RS-R37 on post LOCA Hydrogen recombiner. DCR 82-76.
83-1122	06-02-83	Replaced hanger 2T49-RS-H39 on post LCCA hydrogen recombiner. DCR 82-76.
83-1129	06-27-83	Modified pipe support 2E11-RHR-R226. DCR 82-76.
81-4877	06-28-83	Replaced solenoid valve 2E11-F050A & limit switches with environmentally qualified ones. DCR 79-460.
83-83	07-01-83	Core drilled electrical penetration for conduit on east wall of post accident sampling room. DCR 79-476.
82-1478	06-09-83	Core drill all electrical conduit penetrations for post accident sampling room. DCR 79-476.
82-1320	07-01-83	Placed equipment in room, installed steel & construct roof. Provide all grouting & sealants. DCR 79-476.
82-2764	05-25-83	Run & install piping for the 2P70-F100 system. DCR 79-476.
83-1843	05-04-83	Installed standby lube oil system for 2K43-S001A. DCR 82-259.
83-3403	06-27-83	Revised the internal wiring on panel 2H11-P700 on the 2P70 system. DCR 81-112.
83-2897	06-24-83	Painted newly install debris screens on 2T48-D324. DCR 83-51.

83-2304	06-06-83	Paint piping, valves, fitting supports install per DCR 87-206 on the 2C11-F035A system.
83-2519	06-10-83	Complete internal wiring on 2H11-P657. DCR 80-157.
83-1741	06-28-83	Install cables listed for 2H11-P700. DCR 81-112.
83-1794	06-25-83	Paint all carbon steel pipe, fitting, valves on 2P70. DCR 81-112.
83-1509	06-24-83	Terminate cables for DCR 80-157 on the 2H11-P605A&B system.
83-2865	07-12-83	Replaced states block on 2B21-2534.
83-1952	06-22-83	Calibrate dP switches for 2P41-394A,B.
83-1743	07-08-83	Performed HNP-2-6130 of 2C11-C001A,B.
82-2573	06-28-83	Installed conduit on 2P70-N014. DCR 81-112.
82-4944	06-13-83	Performed HNP-2-C001 (PM) on 2E21-C001A.
83-929	06-02-83	Replace old motors w/ones that are qualified DCR 81-117 on 2E11-F027A, 2E11-F075B, 2E11-F007A&B, 2E11-F003A.
83-932	06-30-83	Reseal torus temp. elements (2T48). DCR 80-198.
83-1479	06-30-83	Lubricate ASCO solenoid valves installed by DCR 79-469.

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Georgia Power

Edwin L. Hatch Nuclear Plant

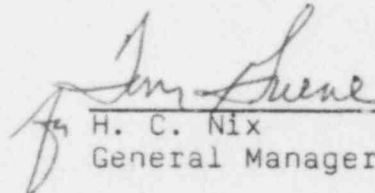
August 10, 1983  
GM-83-789

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.

  
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H. C. Nix  
General Manager

HLS/hh

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