

OPERATING DATA REPORT

DOCKET NO. 50-321
 DATE 05-10-81
 COMPLETED BY CERRY ELAM
 TELEPHONE (912) 367-7781 x 203

OPERATING STATUS

- * Notes
1. Unit Name: E. I. Hatch Nuclear Plant Unit 1
 2. Reporting Period: 04-81
 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): 796.3
 7. Maximum Dependable Capacity (Net MWe): 756.8
 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	719	2879	46727
12. Number Of Hours Reactor Was Critical	0.0	1216.4	34728.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	1158.3	32603.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0	2156314	67959196
17. Gross Electrical Energy Generated (MWH)	0	709680	22009330
18. Net Electrical Energy Generated (MWH)	-3447	664654	20917132
19. Unit Service Factor	0.0	40.2	69.8
20. Unit Availability Factor	0.0	40.2	69.8
21. Unit Capacity Factor (Using MDC Net)	-0.6	30.5	59.1
22. Unit Capacity Factor (Using DER Net)	-0.6	29.7	57.6
23. Unit Forced Outage Rate	0.0	16.9	20.1
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)

POOR ORIGINAL

8105150313

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-321
 DATE 05-10-81
 COMPLETED BY GERRY SLAM
 TELEPHONE (912) 367-7781 x 203

MONTH 04-81

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

(9/77)

POOR ORIGINAL

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH 4-81

DOCKET NO. 50-321
 UNIT NAME Hatch 1
 DATE 5-10-81
 COMPLETED BY G. H. Elam
 TELEPHONE 912-367-7851

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
81-53	810401	S	719.0	C	1	NA	ZZ	ZZZZZZ	Scheduled refueling outage

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

(9/77)

POOR ORIGINAL

NARRATIVE REPORT
UNIT 1

April 1st

Unit 1 in scheduled refueling outage

HATCH 1 SAFETY-RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR APRIL 1981

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
81-1357	3-5-81	Removed hyd. snubber 1B21-FDH15 and replaced with new snubber S/N 2500-20-147
81-1837	4-7-81	Removed hyd. snubbers 1B21-558 and replaced with new snubber S/N 2500-3-102
81-355	4-3-81	Replaced existing pipe supports with designs E11-F6-H801 and H802 per DCR 80-271
81-1356	3-3-81	Removed hyd. snubber 1EH1-HPSEH-88 and replaced with new snubber S/N 2500-30-81
81-1827	3-18-81	Removed hyd. snubber 1E41-HPSEH-8A and replaced with new snubber S/N 2500-10-74
81-224	3-11-81	Repaired leaking valve on RCIC 1E51-F050
81-227	3-10-81	Repaired vent valve at 127 elev. torus E41-F3003
81-2792	4-21-81	Removed KCIC control valve 1E51-C002 to permit PT test
81-150	4-4-81	Modified plant service water piping supports - P41 - per IEB 79-14
81-489	3-5-81	Removed seal plate from exterior end of service water - Unit 1 structure wall P41-30"
81-1814	3-21-81	Repaired 30" HEE piping at seal-plate-to-process-pipe-weld of service water to diffusion line at intake structure P41-G001
80-4867	3-6-81	Modified piping supports 532-003-22 to meet IEB 79-14

80-5991	12-22-80	Routed 1/2" piping from sprinkler valve for mech. air. supervision of sprinkler system for HVAC room P52
81-1676	3-23-81	Fabricated and installed instrument air system hanger at intake structure P52-F1002-141
81-1715	3-24-81	Modified existing pipe support P52-RB1H-56A per DCR 81-53
81-1256	3-7-81	Installed 4" conduit sleeve in SS battery room 1R42-S001B
81-1257	3-24-81	Fabricated and installed leads from batteries to terminal boxes in station battery room 1R42-S001, S002, and D/G 1A and 1C
81-1364	3-7-81	Installed terminal boxes TB1-1158, 1159 in station battery room 1A; TB1-1160 ad TB1-1161 in 1B; TB1-1150 in D/G room 1A; TB1-1152 in D/G room 1C
81-1497	3-26-81	Connected E16 AWG wire in 4' lengths to pins of amphenol connectors MS-3120A-36-15P for battery surveillance testing in station battery room 1R42-S001, S002
81-1610	3-23-81	Installed 2 connectors in the following terminal boxes: TB1-1158, 1159, 1160, 1161, 1151, 1152 for battery surveillance testing 1R42-S001, S002
81-1702	3-27-81	Pulled and terminated cables H21-P291A-M01 and H21-P237-AA33A in D/G 1A battery fuse monitoring sys. R42-S002A
81-1703	3-30-81	Pulled and terminated cables H21-P293A-M01 and H21-P237-AC33A in D/G battery fuse monitoring system R42-S002C

80-6594	1-3-81	Installed pullbox TB1-1135A and raceway 1MC-3697, T43-N001-C01Q, T43-N001-C01R, 1MC-3698, T43-N001-C01P, T43-N001-C01S, T43-N001-C01K, and pulled cables T43-N001-C01K, T43-N001-C01L, T43-N001-C01M, T43-N001-C01N, T43-N001-C01P, T43-N001-C01Q, T43-N001-C01R, T43-N001-C01S in HVAC electrical Z43
81-2275	4-8-81	Removed and relaced broken pipe fitting from O-ring seal test part T48-F321
81-469	2-17-81	Fabricated and installed hangers E15 and EH23 in HPCI room, fire protection hangers Z43
81-997	2-14-81	Fabricated and installed hangers H31, fire protection hanger Z43
81-467	2-18-81	Fabricated and installed hangers H29, H17, H35, H30, H33, H38, H37, H34, H36, H26, H16 in fire protection hangers Z43
81-916	2-17-81	Fabricated and installed hanger EH38, fire protection hanger Z43
81-330	2-23-81	Fabricated and installed hangers EH55, EH54, EH46, fire protection hangers
81-436	2-10-81	Fabricated and installed hangers EH34, EH36, EH27, and EH35 fire protection hangers in RPS
81-547	2-2-81	Fabricated and installed fire protection hangers per EH56; Z43
81-328	2-9-81	Fabricated and installed hangers EH37, EH30, EH41, EH31, EH43 in RPS, fire protection hangers
80-2339	3-18-81	Repaired RHR shutdown cooling mode permissive switch 1B31-N018A

80-4941	3-18-81	Calibrated feedwater flow transmitter 1C32-N002A,B
81-1682	3-18-81	Performed monthly PM per HNP-1-6310, standby liquid control 1C41-C001A-B, A003A-B
81-1718	3-18-81	Repaired 51 receptacle insulator on SRM-A, 1C51-K600A
80-3348	3-13-81	Completed welding on RHR system 1E11-RHR-H49
80-5149	3-7-81	Welded plates to RHR pipe supports 1E11-H272
81-487	3-1-81	Removed seal plate from exterior end of pipe sleeve of RHR service water 1E11-18" GEE
81-1240	3-11-81	Fabricated and installed mounting brackets for pressure switch mounting E11-N017A-D
81-1362	3-3-81	Removed and replaced hyd. snubber with new snubber (#2500-20-145) on 1E11-RHRH-239 snubber
81-1548	3-17-81	Repaired piping by grinding and rewelding on RHR service water pipe E11-G001
81-1753	3-17-81	Removed and FTed RHR hyd shell side line snubbers, B-loop 1E11-RHRH, 215A&B
81-1363	3-3-81	Removed old snubber 1E41-HPSEH-57 and replaced with new snubber, S/N 2500-3-73
81-1638	3-12-81	Installed insulator strips on underside of cover of topaz inverter (HPCI) E41-K603
81-1637	3-12-81	Installed insulator strips on RCIC topaz inverter 1E51-K603
81-805	3-10-81	Removed seal plate and ground remainder of plate of plant service water, strainer backwash P41-G001

81-4866	3-16-81	Modified air piping supports B52 to meet IEB 79-14
80-4874	3-13-81	Modified air piping supports B52 to meet IEB 79-14
80-4876	3-11-81	Modified air piping supports B52 to meet IEB 79-14
80-4877	3-16-81	Modified air piping supports B52 to meet IEB 79-14
81-1949	3-20-81	Checked Rx bldg and refuel floor to outside and dP trans. 1T46-N005A,B,C,D
80-6242	12-3-80	Disconnected circuits Z43-P001-C52AA, C52BB,, C52BA, C52D, ZGA90F08B, ZGX718C06 and raceways 1MC8924, A43-P001-C52AA, 2MB1313 to remove 4" multimatic valve, Z43
80-6828	1-1-81	Reconnected raceways 1MC8924, Z43-P001-C52AA, ZMP1313, terminated circuits Z43-P001-C52AA, C52BB, C523A, C52D, 2GA90F08B, GX718C06 of multimatic valve for Unit 1 cable spread Z43
80-6829	1-4-81	Redlined and terminated circuits ZGA90F08C, ZGAA90F08D for supervisory air alarm for fire protection, Z43
80-6830	1-1-81	Reconnected raceway and redlined and terminated cables Z43-P001-C52AA, C52BB, C52BA, C52D, ZGA90F08B, ZGX718C06
80-5983	2-6-81	Welded valve support on control rod drive system 1C11-SKF2-H53A
81-1895	3-25-81	Modified RHR system 1E11-RHR-H118 pipe support to be within IEB 79-14
81-1896	3-27-81	Modified RHR system 1E11-RHR-H118 pipe support to be within IEB 79-14

80-5148	3-11-81	Welded stiffener plates in RHR pipe hanger 1E11-RHRH-395 in order to reduce stresses in hanger components
81-1353	3-3-81	Replaced hyd. snubber 1EE-RHRH-399 with new snubber S/N 2500-3-70
81-1399	3-19-81	Modified pipe support of RHR system E11-RHRH-310 per DCR 80-392
81-1694	3-27-81	Modified pipe support of RHR system E11-RHRH-128
81-1218	3-11-81	Removed spool piece from between turbine and pump of RCIC 1E51-C001 and 2 in order to perform overspeed trip test and reinstalled
81-622	1-25-81	Repaired outside railroad airlock door 1L48R23BEA
81-1859	3-25-81	Adjusted hanger and tightened turnbuckle of pipe support N11-MSH-11
81-1860	3-25-81	Tightened turnbuckle and bolts (per Dwg. #1539-3) of pipe support N11-AEH-3
81-1862	3-25-81	Tightened turnbuckle and bolts (per Dwg. #1539-3) of pipe support N11-AEH-3
81-488	3-9-81	Removed seal plate from exterior end of pipe sleeve at penetration through east intake structure wall P41-30" HEE
81-1792	3-26-81	Modified pipe support of plant service water piping 1P41-SDGH-41 in order to be within IEB 79-14 requirements
81-1358	3-3-81	Removed old hyd snubber 1B21-FDH-21B and replaced with new snubber S/N 2500-3-107

81-1359	3-7-81	Removed old hyd snubber 1B21-5524 and replaced with new snubber SN 2500-50-143
81-1360	3-3-81	Removed old hyd snubber 1B21-FDH-21A and replaced with new snubber S/N 2500-3-75
81-1355	3-3-81	Removed old hyd snubber 1E11-RHRH-242 and replaced with new snubber S/N 2500-10-55
81-1899	3-23-81	Modified supports of RHR system pipe hanger 1E11-ISH-17 to meet IEB 79-14
81-1219	3-17-81	Removed spool piece for over speed trip test from between turbine and pump of HPCI 1E211-C001 and 2
81-1209	2-26-81	Replaced existing Ins. Co. snubber 1L35 with Scientific Co. per DCR 80-15
81-1210	2-26-81	Replaced existing Ins. Co. snubber 1L35 with Scientific Co. per DCR 80-15
81-1788	3-20-81	Modified pipe supports of plant service water piping 1P41-ISH-62 to meet IEB 79-14 requirements
81-1810	3-25-81	Modified pipe supports of plant service water piping 1P41-SWH-33 to meet IEB 79-14 requirements
80-4863	3-2-81	Modified instrument air piping supports P52-RBIH-6 to meet IEB 79-14 requirements
80-4872	3-14-81	Modified instrument air piping supports P52-RBIH-6 to meet IEB 79-14 requirements
80-4880	3-18-81	Modified instrument air piping supports P52-RBIH-6 to meet IEB 79-14 requirements

81-1713	3-26-81	Modified existing instrument air system pipe supports P52-RBIH-192B per DCR 81-53
81-1785	3-21-81	Modified existing instruments air system piping support P52-RBI-H213 to met IEB 79-14 requirements
81-1254	3-17-81	Installed control switches for battery test breakers 1R22-5016, 17 per DCR 80-205
81-1296	3-4-81	Rewired filtered battery chargers R42-S051, S052, S053, S057, S058; 2R42-S051, S052, S053, S054, S057, S058 per DCR 78-175
81-562	4-1-81	Replaced missing bolts in expansion joint, lube oil strainer handle, bolts in coupling guard, bolts in expansion joint cover and tightened flange. All on emergency diesel generator R43-S001A
81-1016	3-11-81	Installed new engine over-speed alarm card in engine overspeed alarm 1R43-S001B
81-1605	3-10-81	Replaced defective overtemp thermostat in A2 log of LPCI inverter 1R44-5004
81-1042	2-15-81	Repaired leaking pressure control valve IT48-PCU5
81-2193	3-26-81	Rechecked work done on MR 2-81-64 on Z43