

NARRATIVE REPORT
UNIT 1

February 17th Reactor declared critical at 1330.

February 22nd Turbine rolling at 1048.

February 22nd Generator tied to the grid at 1146.

February 22nd Tripped offline at 1310 due to excessive excitor vibration.

February 22nd Generator tied back to grid at 1345.

February 22nd Ramping power until 2010 when tip determined to be stuck in core load hold at 120 GMWe.

February 23rd Continued to increase power at 0245 until 0500 when load was held at 180 GMWe to perform scram time testing.

February 24th Scram time testing completed and started increasing power at 1930.

February 24th Stopped power increase at 2300 and held at 320 GMWe for HPCI testing.

February 25th Started increasing reactor power at 0430.

February 25th Stopped increasing power at 0535 and held at 390 GMWe for reactor feedpump corrections.

February 27th Resumed power increase at 1640.

February 28th At 0700 vacuum started dropping and load reduced to 147 GMWe at 0806.

February 28th Started power increase at 1047 and reached 550 GMWe at 1530 when vacuum began to decrease.

February 28th Decreased load to 450 GMWe at 2040 to improve vacuum.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-321
 UNIT NAME Hatch 1
 DATE 3-10-83
 COMPLETED BY S.K. Sewell
 TELEPHONE 912-367-7851

REPORT MONTH February

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
83-01	821009	S	515.8	C	1	NA	RC	FUELXX	Refueling outage
83-02	830222	F	0.5	A	9	NA	HA	GENEAA	Excitor vibration tripped generator off line-no scram
83-03	830222	F	7.0	A	5	NA	IE	INSTRU	Tip stuck in core
83-04	830223	S	38.5	B	5	NA	RB	CRDRVE	Scram time testing
83-05	830224	F	5.5	A	5	NA	CJ	VLVEXD	HPCI testing after ruptured diaphragm repairs
83-06	830225	F	59.2	A	5	NA	CH	PUMPXX	Correction of reactor feedpump speed controls
83-07	830228	F	17.0	A	5	NA	HC	HTEXCHD	Loss of proper condenser vacuum

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

OPERATING DATA REPORT

UNIT NO. 50-221
 DATE 03-10-83
 COMPLETED BY STEVEN J. SWEET
 TELEPHONE (412) 381-5172

OPERATING STATUS

- 1 Unit Name: E. Hatch Nuclear Plant
- 2 Reporting Period: 02-83
- 3 Licensed Thermal Power (MW): 2020
- 4 Available Capacity (Gross MW): 2020
- 5 Design Electrical Rating (Net MW): 1700
- 6 Maximum Dependable Capacity (Gross MW): 2012
- 7 Minimum Dependable Capacity (Net MW): 1600
- 8 If Changes Occur in Capacity Factor, list them Number 1 through 7 since last report. Use Persons

- 9 Power Level to which Peak Load is Held (MW)
- 10 Persons on Peak Load: 10

	This Month	1982	1981	Calendar
11 Hours in Reporting Period	876	876	876	876
12 Number of Hours Reactor Was Off	274	274	274	274
13 Reactor Reserve Shutdown Hours	0	0	0	0
14 Hours Generator On-Line	185	185	185	185
15 Unit Reserve Shutdown Hours	0	0	0	0
16 Gross Thermal Energy Generated (MWh)	1822	1822	1822	1822
17 Gross Electrical Energy Generated (MWh)	5700	5700	5700	5700
18 Net Electrical Energy Generated (MWh)	4587	4587	4587	4587
19 Unit Service Factor	23.2	23.2	23.2	23.2
20 Unit Availability Factor	23.2	23.2	23.2	23.2
21 Unit Capacity Factor (Using MW) Net	8.6	8.6	8.6	8.6
22 Unit Capacity Factor (Using DEF) Net	8.6	8.6	8.6	8.6
23 Unit Forced Outage Rate	0.0	0.0	0.0	0.0
24 Shutdowns Scheduled Over Next 6 Months (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 Locking in Report Only)

INITIAL CERTIFICITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DUCKET NO 50-321

DATE 02-10-67

COMPLETED BY 416-EM-1 484-504

TELEPHONE (912) 367-7761 317

MONTH 02-67

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

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

1967

NARRATIVE REPORT
UNIT 2

February 3rd Started power reduction at 1226 due to high temp alarm on generator.

February 3rd Stopped reduction at 1600-320 GMWe.

February 3rd Started increasing power at 2040 after alarm determined to be false back to 70% power at 0600.

February 7th Weekly turbine test began at 0022.

February 19th Weekly turbine test complete at 0224.

* Hatch Unit 2 was limited to 70% thermal power for the entire month due to high offgas activity and to meet the scheduled refueling window.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February

DOCKET NO. 50-368
 UNIT NAME Hatch 2
 DATE 3-10-83
 COMPLETED BY S. K. Sewell
 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	672	H	5	NA	RC	FUELXX	Offgas activity high & reduced power to meet the refueling window
83-04	830203	F	17.5	A	5	NA	HJ	INSTRU	High temp alarm on generator determined to be false alarm
83-05	830207	F	2.6	A	5	NA	EG	ELECON	1160V bus a tripped - reenergized bus
83-06	830219	S	2.0	B	5	NA	HA	TURBIN	Weekly turbine test

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)

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⁵ Exhibit I - Same Source

OPERATING DATA MEMORY

LOG# NO 50-366
 DATE 03-10-83
 COMPLETED BY STEVEN K SEMELL
 TELEPHONE 912-367-3391 203

OPERATING STATUS
 * Notes
 1 Unit Name: E-1 Hatch Nuclear Plant Unit 2
 2 Reporting Period: 12-82
 3 Licensed Thermal Power (MW): 2350
 4 Available Rating (Gross MW): 9100
 5 On Electric Rating (Net MW): 7100
 6 Maximum Dependable Capacity (Gross MW): 9033
 7 Maximum Dependable Capacity (Net MW): 7015
 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 MW):
 10 Reasons For Restrictions, If Any:

	This Month	Yr-to-Date	Cumulative
11 Hours in Reporting Period	872	1416	3053
12 Number of Hours Reactor Was On Electric	872	1416	2567
13 Reactor Reference Shut-down Hours	0	0	0
14 Hours Generator On-Line	872	1416	2157
15 15 Days Reporting Period Hours	0	0	0
16 Gross Thermal Energy Generated (MMBtu)	1126704	2206120	46311903
17 Gross Electric Energy Generated (MMBtu)	88900	227130	15203609
18 Net Electric Energy Generated (MMBtu)	267322	366554	1447390
19 Unit Service Factor	100	100	70
20 Unit Availability Factor	100	100	70
21 Unit Capacity Factor (Using MCC Net)	207	308	612
22 Unit Capacity Factor (Using DER Net)	43	79	60
23 Unit Forced Outage Rate	0	0	11
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 Days in Test Status (Prior to Commercial Operation):

Forecast Achieved

 INITIAL CRITICALITY

 INITIAL ELECTRICITY

 COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCLET NO. 50-362
 DATE 03-10-83
 COMPLETED BY STEVEN K SEWELL
 TELEPHONE 912-387-7761 / 207

MONTH 02-83

DAY	AVERAGE DAILY POWER LEVEL (Mile-Net)	DH	AVERAGE DAILY POWER LEVEL (MVe-Net)
1	550	17	548
2	550	17	550
3	453	18	549
4	543	20	552
5	548	21	552
6	544	22	551
7	544	23	551
8	554	24	551
9	557	24	551
10	553	24	551
11	554	24	551
12	558	25	552
13	554	26	552
14	553	26	552
15	552	26	552
16	546	27	552

(5777)

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

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
82-6174	01-28-83	Installed 10" SRVDL vacuum breakers 1B21-F037A,B,C,D,E,F,G,H,I,J,K,L. (Ref. DCR 80-247)
82-7500	02-09-83	Replaced existing SRV downline pressure switches with environmentally qualified ones per IEB 79-01B. (Ref. DCR 79-436) MPL 1B21-PS-N301A-H, J-L
82-8580	01-13-83	Replaced snubber 1B21-DFDH-30 as per HNP-1-3915
82-8674	01-13-83	Replaced hydraulic snubber 1B21-SS22 as per HNP-1-3915
82-8676	01-13-83	Replaced hydraulic snubber 1B21-SS-20 as per HNP-1-3915
82-8681	01-13-83	Replaced hydraulic snubber 1B21-SS26 as per HNP-1-3915
82-8682	01-13-83	Replace hydraulic snubber 1B21-SS14 as per HNP-1-3915
82-8683	01-13-83	Replaced hydraulic snubber 1B21-SS27 as per HNP--3915
83-433	02-09-83	Re-installed drain piping from vessel flange to CRW-MPL: 1B21-1G11. Ref. DCR 82-263
81-1504	01-07-83	Installed relays, terminal blocks, name plates and performed internal wiring for recirc system logic (penetration protection) 1B31/1C71. Ref. DCR 78-60
81-1505	01-26-83	Redlined internal & external wiring for recirc system logic (penetration protection) 1B31/1C71. Ref. DCR 78-60
82-3633	01-23-82	Terminated the cables which were pulled for DCR 78-60 on the recirc system logic. (1B31/1C71)

82-6444	11-04-82	Revised internal wiring for RWCU & recirc panel H11-P602 as per drawing B-E-79-34-11-Rev. A
82-6969	12-23-82	Fabricated rear bracket for snubber 1B31-SSB1 (Ref. DCR 82-040)
82-7574	01-12-83	Repaired leaking valve 1B31-F014B, seal water isolation valve
82-8108	01-12-83	Removed 21 KIPS snubber 1B31-SSB1 & installed a 50 KIPS snubber
83-969	02-09-83	Properly installed PSA-35 mechanical snubber 1B31-SSB1 (torqued transition tube, reworked end brackets & installed washers)
83-1130	02-10-83	Calibrated sigma type W1151VC demand meters (B31-SFI-R619A&B) on the reactor recirc system. Ref. DCR 79-034
82-4951	10-29-82	Pulled cables D11-P009-C02A & D11-P009-C03A for the offgas vent & pipe radiation monitoring system. Ref. DCR 80-53
82-5945	01-28-83	Terminated cables H11-P690-C020, H11-P690-C021, & H11-P890-C022 for D11 radiation detectors on reactor bldg. sumps
82-5946	01-28-83	Terminated cable R25-S065-E58-M08A for D11 radiation detectors on the reactor bldg. sumps
82-5960	12-17-82	Painted supports for drywell sump radiation detector & preamp
82-5961	01-31-83	Pulled cables H21-P650-A024 & H21-P650-A025 for D11 radiation monitors on drywell sump pump outlet lines. Ref. DCR 79-473

82-5962	02-04-82	Terminated cables for MR 82-5961
82-5963	01-28-83	Terminated cables H11-P650-A021, H11-P650-A022, & H11-P650-A023 for D11 radiation detectors on reactor bldg. sumps. Ref. DCR 79-471
82-5965	11-24-82	Painted supports installed for D11 radiation detector. Ref. DCR 79-471
82-6077	11-19-82	Fabricated & installed support brackets & mounted radiation detectors D11-RE-N038, D11-RE-N039, D11-RE-N040. Ref. DCR 79-471
82-6143	12-21-83	Terminated cables R24-S011-E58-C07A/C08A, R24-S014-C03B/C04A, R24-S012-E58-C13A/C14A in main control room for radiation monitors on reactor bldg. sumps. Ref. DCR 79-471
81-6144	11-03-82	Pulled cables H11-P650-A021, H11-P650-A022, & H11-P650-A023 from panel H11-P650 to H11-P690 for D11 radiation monitors on reactor bldg. sumps. Ref. DCR 79-471
82-6153	01-31-83	Installed internal wiring for panel H11-P690 for D11 radiation monitors on reactor bldg. sumps. Ref. DCR 79-471
82-6154	01-28-83	Installed internal wiring in the panel H11-P689 for the D11 radiation monitors on the drywell sumps. Ref. DCR 79-473
82-6373	02-11-83	Redlined all the circuits for DCR 79-473 on D11 radiation monitors on the drywell sumps. Ref. DCR 79-473

82-6813	02-02-83	Terminated the cables H11-P689-C020 & H11-P689-C021 on the D11-K020/21 radiation monitors on the drywell sumps. Ref. DCR 79-473
82-7180	01-13-83	Removed the support plates for conduit support # CS-T-2 & CS-24-28 on 1D11-RE-N036 drywell sump radiation monitors. Ref. DCR 79-473
82-7379	11-19-82	Removed & relocated the existing hanger to the west 11" on the 1D11 drywell sump radiation monitors. Ref. DCR 79-473
82-7438	02-10-83	Installed amphenol end connectors on cables H11-P606-ES7-C128 & H11-P606-ES7-C190 for radiation monitors 1D11-N010A & D11-N010C respectively. Ref. DCR 80-430
82-7439	02-11-83	Terminated cables H11-P606-ES7-C128 & H11-P606-ES7-C190 in panel H11-P606 on 1D11 process radiation monitoring system also redline the cables. Ref. DCR 80-430
82-7505	02-11-83	Terminated & redlined cables H11-P606-ES7-C175, H11-P606-ES7-C180 & H11-P606-ES7-C189 on the 1D11 process radiation monitors. Ref. DCR 80-430
82-7507	02-09-83	Installed amphenol connectors on cables H11-P606-ES7-C175, H11-P606-ES7-C180 & H11-P606-ES7-C189 on radiation monitors D11-N012A, D11-N012C & D11-N015A. Ref. DCR 80-430
82-7508	01-13-83	Cut into panel H11-P689 for recorders 1D11-RIS-K623/K624 & provided support as per FDR 79-473-6. Ref. DCR 79-473

82-7509	01-22-83	Cut into panel H11-690 for recorders 1D11-R15-K625/K626/K627 & provided support as per FDR 79-471-6 on the reactor bldg. sump radiation monitors. Ref. DCR 79-471
82-7515	01-22-83	Made cut outs for recorder D11-R15-621A in panel H11-P689 & D11-R15-621B in panel H11-P690 as per sketches BP-T9-445-718 Rev. A for D11 drywell radiation monitors. Provided supports for recorders per FDR 79-445-1. Ref. DCR 79-445
82-7528	01-08-83	Engraved annunciator window #38 for D11 drywell radiation monitors & installed in panel H11-P657. Ref. DCR 79-445
82-7561	12-27-82	Installed junction boxes, supports & conduit for D11 drywell radiation monitors per conduit layout. Ref. DCR 79-445
82-7616	02-08-83	Terminated & redlined cables H11-P657-ES9-C278 & H11-P650-ES0-C098 for D11 drywell radiation monitors per sketches B-E-79-4451-5 Rev. B & B-E-79-445-16/17 Rev. A. Ref. DCR 79-445
82-7659	02-13-83	Installed amphenol connectors on cables H11-P606-ES3-C129 & H11-P606-ES8-C206 at radiation monitors D11-N010B & D11-N010D. Ref. DCR 80-430
82-7660	02-13-83	Installed amphenol connectors on cables H11-P606-ES8-C192, H11-P606-ES8-C197 & H11-P606-ES8-C205 for radiation monitors D11-N012B, N012D & N015B. Ref. DCR 80-430
82-7679	02-13-83	Terminated & redlined new cables H11-P606-ES8-C192, H11-P606-ES8-C197 & H11-P606-ES8-C205 for D11 process radiation monitoring system. Ref. DCR 80-430

82-7681	02-13-83	Terminated & redlined cables H11-P606-ES8-C129 & H11-P606-ES8-C206 in panel H11-P606 for D11 process radiation monitor system. Ref. DCR 80-430
82-7739	02-11-83	Terminated & redlined cables X-10CA-ES9-C296, X-100A-ES9-C297, X-100D-ES0-C234, & X-100D-ES0-C235 for D11 drywell radiation monitors. Ref. sketch BE-79-445-2/9/10 Rev. A & DCR 79-445
82-7740	02-08-83	Installed internal wiring in panels H11-P650 & H11-P657 for D11 drywell radiation monitors. Ref. DCR 79-445 sketches B-E-79-445-11/12/15/20 Rev. A
82-7744	01-28-83	Installed internal wiring in panels H11-P689 & H11-P690 for D11 drywell radiation monitors. Ref. DCR 79-445
82-8586	02-13-83	Calibrated Rad. monitor D11-N010A & verified correct readout. Ref. DCR 80-430
82-8587	02-13-83	Calibrated rad. monitor D11-N010B & verified correct readout. Ref. DCR 80-430
82-8588	02-13-83	Calibrated Rad. monitor D11-N010D & verified correct readout. Ref. DCR 80-430
82-8589	02-13-83	Calibrated rad. monitor D11-N010C & verified correct readout. Ref. DCR 80-430
82-8590	02-13-83	Calibrated rad. monitor D11-N012A & verified correct readout. Ref. DCR 80-430
82-8592	02-13-83	Calibrated Rad. monitor D11-N012C & verified correct readout. Ref. DCR 80-430
82-8593	02-13-83	Calibrated Rad. monitor D11-N012D & verified correct readout. Ref. DCR 80-430

82-8594	02-13-83	Repaired & calibrated rad monitor D11-NO15A & verified correct readout. Ref. DCR 80-430
82-8595	02-13-83	Calibrated rad monitor D11-NO15B & verified correct readout. Ref. DCR 80-430
83-16	02-13-83	Terminated cables for drywall radiation monitors D11-RE-NO03A/B. Ref. DCR 79-445
83-54	02-13-83	Installed light fixture, switch & receptacle with associated internal wiring in panels H11-P689 & P690. Ref. DCR 79-445
83-82	02-13-83	Installed readouts 1D11-R15-621A&B in panels H11-P689 & 690. Ref. DCR 79-445
83-630	02-13-83	Fabricated & installed supports for swagelok fittings at D11-RE-NO03A&B. Ref. DCR 79-445
83-1083	02-13-83	Installed ESS-I-3305A & rerouted ESS-I-3304A. Unplugged amphenoc plugs at penetration & plugged back in after conduit rework. Ref. DCR 79-445
83-1122	02-13-83	Disconnect rad monitor cables; H11-P606-ES7-C176, H11-P606-ES7-C179, H11-P606-ES7-C181, H11-P606-ES7-C182 & H11-P606-ES7-C183 & pulled these cables back to junction box TB1-99 out of conduit ESS-1-268. Ref. DCR 80-430
81-1943	02-04-83	Installed torus exterior shell braces & midbay support columns. Ref. DCR 80-199
81-2124	02-04-83	Installed T-quenchers & their supports. Modified RHR test line, catwalk & other misc. supports in torus. Ref. DCR 80-196

81-2885	02-03-83	Installed stiffeners on DW/torus ventlines at SRV discharge line intersection locations. Ref. DCR 80-201
82-468	02-03-83	Installed saddle on exterior of torus shell. Ref. DCR 80-199
83-139	02-03-83	Removed damaged ladder supports at torus bay 14 & replaced them with new supports. Ref. DCR 80-196
82-8100	02-04-83	Installed additional conduit supports on interior torus catwalk. Ref. DCR 80-196
81-3002	01-19-83	Replaced solenoid valve T41-F026A & limit switches with environmentally qualified solenoid valve & limit switches per IEB 79-01B. Ref. DCR 79-459, 80-203
81-3158	01-11-83	Replaced solenoid valve T41-F032B & limit switches with environmentally qualified solenoid valve & limit switches per IEB 79-01B. Ref. DCR 79-459, 80-203
82-4207	02-09-83	Removed & environmentally sealed solenoid valve T41-F003A & reinstalled. Ref. DCR 79-459, 80-203
82-4208	01-04-83	Removed solenoid valve T41-F003B then environmentally sealed & reinstalled it. Ref. DCR 79-459, 80-203
82-4209	01-05-83	Removed & environmentally sealed solenoid valve T41-F011A then reinstalled. Ref. DCR 79-459, 80-203
82-4212	01-04-83	Removed & environmentally sealed solenoid valve T41-F044A then reinstalled. Ref. DCR 79-459, 80-203
82-4213	01-04-83	Removed & environmentally sealed solenoid valve T41-F044B then reinstalled. Ref. DCR 79-459, 80-203

82-4338	11-23-82	Removed & environmentally sealed solenoid valve T41-F010A then reinstalled. Ref. DCR 79-459, 80-203
82-4339	11-23-82	Removed & environmentally sealed solenoid valve T41-F010B then reinstalled. Ref. DCR 79-459, 80-203
82-7991	02-03-83	Removed 2 sections of existing ductwork over equipment Hatch, SW corner. Rerouted flex duct to clear Hatch access. Ref. DCR 82-256
82-8211	01-25-83	Replaced solenoid valve T41-F040B & associated limit switches with environmentally qualified ones. Ref. DCR 79-459, 80-203
82-6316	02-13-83	Reinstalled conduit 1MC-3290-1A on T45-N002C. Ref. DCR 80-199
83-738	02-13-83	Replaced damaged conduit from wall to instrument sump utilizing existing supports at T45-N002D. Ref. DCR 80-199
81-2942	02-08-83	Replaced existing limit switches with qualified ones on T46-F004A per IEB 79-01B. Ref. DCR 80-203
81-2943	02-11-83	Replaced existing solenoid valve & limiting switches with environmentally qualified ones on T46-F005 per IEB 79-01B. Ref. DCR 79-459, 80-203
81-3017	02-08-83	Replaced solenoid valve T46-F001A & associated limit switches with environmentally qualified ones per IEB 79-01B. Ref. DCR 79-459, 80-203
82-6142	02-13-83	Pulled cable H11-P700-ES9-C057 through raceways. SBT system. Ref. DCR 80-430

82-8542	02-04-83	Performed loop check & calibration on SBTG sys. dP transmitter T46-N005C & dP recorder T46-R604A. Ref. DCR 80-430
82-8543	02-01-83	Performed loop check & transmitter calibration on SBTG sys. diff. press. transmitter & recorder T46-N005B, R604B. Ref. DCR 80-430
83-536	02-12-83	Repair 18' diam. drywell HVAC duct. Ref. DCR 82-263, MR 1-82-8358
83-563	02-13-83	Removed damaged cable & pulled new cable for CRD cavity temp. element, T47-N006. Ref. DCR 82-263
81-2920	01-19-83	Replaced old solenoid valve & limit switches (T48-F307) with environmentally qualified ones, per IEB 79-01B. Ref. DCR 79-459, 80-203
81-2921	01-19-83	Replaced existing solenoid valve & associated limit switches (T48-F308) with environmentally qualified ones per IEB 79-01B. Ref. DCR 79-459, 80-203
81-2924	11-23-82	Replaced solenoid valve & limit switches (T48-F319) with environmentally qualified ones per IEB 79-01B. Ref. DCR 79-459, 80-203
81-2928	01-26-83	Replaced solenoid valve & limit switches (T48-F334A) with environmentally qualified ones per IEB 79-01B. Ref. DCR 79-459, 80-203
81-2929	02-01-83	Replaced existing solenoid valve & limit switches (T48-F335A) with environmentally qualified ones per IEB 79-01B. Ref. DCR 80-203, 79-459

81-2930	01-19-83	Replaced existing solenoid valve & limit switches (T48-F335B) with environmentally qualified ones. Ref. DCR 79-459, 80-203
81-2931	02-01-83	Replaced solenoid valve & limit switches with qualified ones T48-F334B. Ref. DCR 80-203, 79-459
81-2935	11-23-82	Replaced solenoid valve T48-F332A with qualified one. Ref. DCR 80-203, 79-459
81-2936	11-23-82	Replaced solenoid valve & limit switches (T48-F332B) with qualified ones. Ref. DCR 80-203, 79-459
81-2937	11-23-82	Replaced solenoid valve T48-F333A with qualified ones. Ref. DCR 79-459, 80-203
81-2938	11-23-82	Replaced solenoid valve T48-F333B with qualified ones. Ref. DCR 79-459, 80-203
81-2939	01-19-83	Replaced solenoid valve T48-F320 with qualified ones. Ref. DCR 79-459, 80-203
81-2941	01-19-83	Replaced solenoid valve T48-F324 with qualified ones. Ref. DCR 79-459, 80-203
81-2958	01-19-83	Replaced solenoid valve T48-F104 with qualified ones. Ref. DCR 79-459, 80-203
82-4214	02-08-83	Environmentally seal solenoid valve T48-F103. Ref. DCR 79-459, 80-203
82-4215	11-23-82	Environmentally seal solenoid valve T48-F113. Ref. DCR 79-459, 80-203
82-4216	11-23-82	Environmentally seal solenoid valve T48-F114. Ref. DCR 79-459, 80-203
82-4217	11-23-82	Environmentally seal solenoid valve T48-F115. Ref. DCR 79-459, 80-203
82-4218	11-29-82	Environmentally seal solenoid valve T48-F116. Ref. DCR 79-459, 80-203

82-4219	01-25-83	Environmentally seal solenoid valve T48-F309. Ref. DCR 79-459, 80-203
82-4221	01-25-83	Environmentally seal solenoid valve T48-F321. Ref. DCR 79-459, 80-203
82-4223	01-25-83	Environmentally seal solenoid valve T48-F327. Ref. DCR 79-459, 80-203
82-4260	01-25-83	Environmentally seal solenoid valve T48-F322. Ref. DCR 79-459, 80-203
82-4261	01-25-83	Environmentally seal solenoid valve T48-F325. Ref. DCR 79-459, 80-203
82-4758	01-28-83	Installed torus water level system conduit. Ref. DCR 80-412
82-4760	01-28-83	Pulled torus level system cable. Ref. DCR 80-412
82-4761	01-28-83	Terminated torus water level system cables. Ref. DCR 80-412
82-4762	01-28-83	Internally wired panels for torus water level system. Ref. DCR 80-412
82-4896	01-28-83	Replaced torus water level indicator with qualified ones. Ref. DCR 80-412
82-4920	01-24-83	Disconnected power supplied T48-E/S-K007A&B, T48-E/S-K020A&B & retagged to spares on panel H21-P151. Ref. DCR 80-412
82-5590	02-13-83	Pulled cables H21-P173-C010 & C013. Ref. DCR 80-166
82-5591	01-24-83	Removed cables H21-P173-C010 & H21-P173-C013. Ref. DCR 80-166
82-5592	01-26-83	Terminated cables H21-P173-C010 & C013. Ref. DCR 80-166
82-6721	01-24-83	Installed IMC-6912 & IMC-6913 & pulled boxes J370 & J371. Ref. DCR 80-166

82-7006	01-31-83	Terminated cont. atm. cooling sys. Div. I cables. Ref. 80-430
82-7007	02-13-83	Disconnected old cable & pulled new cable on cont. atm. cooling sys. Div. I cables. Ref. DCR 80-430
82-7187	02-08-83	Disconnected old cable & pulled new cable on cont. atm. cooling sys. Div. I cables. Ref. DCR 80-430
82-7194	02-01-83	Terminated & redlined cont. atm. cooling sys. Div. II cables. Ref. DCR 80-430
82-7195	02-01-83	Terminated & redlined cont. atm. cooling sys. Div. II cables. Ref. DCR 80-430
82-7929	02-13-83	Installed internal wiring in panels H11-P650, P654, P657, P689 & P690 for drywell press. instrumentation. Ref. DCR 79-439
82-7930	02-13-83	Terminated & redlined drywell press. instrumentation cables. Ref. DCR 79-439
82-7941	02-13-83	Terminated & redlined drywell press. instrumentation cables. Ref. DCR 79-439
82-7942	02-13-83	Pulled cables for drywell press instrumentation. Ref. DCR 79-439
82-7985	02-13-83	Redlined & terminated drywell press. instrumentation cables. Ref. DCR 79-439
82-8058	02-13-83	Modified drywell press. instrumentation racks located in reactor bldg. at elev. 158'. Ref. DCR 79-439
82-8067	02-13-83	Replaced drywell press. recorders, with L&N recorders. Ref. DCR 79-439

82-8164	01-26-83	Modified cont. atm. cooling sys. instrument racks. Ref. DCR 80-412
82-8166	02-13-83	Installed drywell press. recorders. Ref. DCR 79-439
82-8360	02-13-83	Removed T48-PT-N008A & N009A, removed & shutoff drain valves, capped off sensing line, on drywell pressure instrumentation system
82-5501	02-14-83	Disassembled actuator, replaced seats & rod packing & o-rings, then reassembled on main steam line inboard isolation valve. 1B21-F022D
82-5503	02-22-83	Disassembled operator, inspected & replaced worn parts, reassembled, MSIV B21-F022B
82-5505	02-14-83	Disassembled operator, inspected & replaced worn parts, reassembled, MSIV B21-F028B
82-5506	02-14-83	Disassembled operator, inspected & replaced worn parts, reassembled, MSIV B21-F028A
82-5507	02-14-83	Performed 18 mo. PM on MSIV B21-F028B
82-5508	02-14-83	Performed 18 mo. PM on MSIV B21-F028C
82-4183	02-17-83	Replaced solenoid valve B31-F020 with env. qualified one. Ref. DCR 80-203, 79-459
82-4772	02-03-83	Inspected RBCCW high rad alarm
82-4236	02-13-83	Env. sealed solenoid valve E41-F051 supp. pool suct. isol. valve. Ref. DCR 80-203, 79-459
82-3175	02-15-83	Repaired leaking valve packing on G31-F057B
82-3605	02-12-83	Fabricated bracket to hold annunciator card in place on G11-P001

82-3852	02-15-83	Inspected precoat pump bypass valve G31-F038
82-4104	02-12-83	Inspected RWCU inlet flow indicator G31-R609
82-4486	02-08-83	Inspected & calibrated RWCU filter/demin flow recorder, G31-R752
82-5756	02-15-83	Reinstalled shaft & tightened knocker on knock valve G31-F072B
82-3368	02-10-83	Inspected turbine supervisory instrument (vibration) N30-C001
82-4305	02-11-83	Cleaned dew point sensor & calibrated recorder N62-R609
82-746	02-10-83	Painted valves P70-F083 & F084
82-4210	01-04-83	Environmentally sealed solenoid valve T41-F011B, Ref. DCR 79-459, 80-203
83-109	02-13-83	Installed drywell press. instrumentation in newly modified instrument racks
82-2344	02-05-83	Installed two fan blades on cooling tower fan hub W24
82-2497	01-09-83	Installed work platform at gear box on each cooling tower fan, on W24-1A tower
83-145	01-15-83	Installed new term block supports struts in H11-P690. Ref. DCR 80-157
82-6899	02-01-83	Routed instrument tubing to press. transmitters N11-N052A&B. Ref. DCR 80-241
82-8472	02-01-83	Made welded tie-ins to the 5th stage extraction line N36 system. Ref. DCR 82-73
82-5647	01-13-83	Fabricated & installed stainless steel stiffeners to the main steam turbine bypass spargers. Ref. DCR 82-166

82-5144	01-13-83	Installed offgas system check valve downstream of N62-F060. Ref. DCR 80-341, R.1
82-6837	01-24-83	Replaced 2nd & 3rd stage SJAE's on train "A" & modified piping for 3rd stage SJAE. Ref. DCR 80-022
82-7294	02-01-83	Installed level transmitters N62-N172A thru N62-N177A & N62-N172B thru N62-N177B
82-7345	02-01-83	Fabricated & installed 3/4" pipe fittings & valves on the 2nd stage interconder "A" SJAE & 1st stage intercondensers "A" & "B" SJAE, installed level gauges. Ref. DCR 80-241, R1
82-6243	02-11-83	Rewired automatic fast transfer relays T1 & T2 in panel H11-P651 for 4160V busses. Ref. DCR 80-273
82-7364	02-01-83	Pulled & terminated cables R22-S016-M04 & R22-S017-M08, station battery testing equip. Ref. DCR 80-205
82-7378	02-01-83	Fabricated & installed terminal boxes in Sta. battery rooms 1A & 1B. Ref. DCR 80-205
81-1510	02-13-83	Installed fuses, fuse holders & breakers & required wiring for essential motor control centers. Ref. DCR 78-60
82-5824	02-11-83	Installed new breaker in MCC 1R24-S011 compt. 10B per 1-82-5824 & MCC 1R24-S012 Compt. 10C
82-7584	02-11-83	Removed interfering conduit support & installed new support for installation of valve E41-F049. Ref. DCR 81-14
82-8566	01-28-83	Made walkdown of all warning light conduit & supports in drywell. Replaced all missing straps & support ID tags. Ref. ABN 81-275

83-703	02-12-83	Ran conduits 1ML-7273 & 1MC-7272 for isolated ground cables. Ref. DCR 80-157, R1
82-6308	02-12-83	Added two time delay relays to each of diesel generator relay panels H21-P230, H21-P231, H21-P232. Ref. DCR 82-34, R0
82-5531	01-12-83	Replaced old downcomer brace clamp with identical clamp fabricated from "A" material. Ref. DCR 79-499
82-4892	02-14-83	Replaced old transmitter QT48-LT-N021B with a qualified transmitter. Ref. DCR 80-412
82-4893	02-14-83	Replaced old transmitter QT48-LT-N021A with a qualified transmitter. Ref. DCR 80-412
82-4894	02-14-83	Replaced old transmitter QT48-LT-NG10A with a qualified transmitter. Ref. DCR 80-412
82-4895	02-14-83	Replaced old transmitter QT48-LT-N010B with a qualified transmitter. Ref. DCR 80-412
82-2959	02-10-83	Replaced solenoid valve E11-F050A & limit switches with environmentally qualified ones per IEB 79-01B. Ref. DCR 79-459, 80-203
82-2977	02-01-83	Replaced solenoid valve E11-F065D & limit switches with environmentally qualified ones per IEB 79-01B. Ref. DCR 79-459, 80-203
82-2989	02-01-83	Replaced solenoid valve E11-F065A & limit switches with environmentally qualified ones per IEB 79-01B. Ref. DCR 79-459, 80-203

81-2990	02-08-83	Replaced solenoid valve & limit switches (E11-F065B) with environmentally qualified ones, per IEB 79-01B. Ref. DCR 79-459, 80-203
81-3001	02-08-83	Replaced solenoid valve & limit switches (E11-F065C) with environmentally qualified ones, per IEB 79-01B. Ref. DCR 79-459, 80-203
82-4232	02-10-83	Replaced solenoid valve & limit switches (E11-F122A) with environmentally qualified ones, per IEB 79-01B. Ref. DCR 79-459, 80-203
82-5936	02-12-83	Removed limitroque SMB-2-40 actuators from E11-F208A&B & replaced with limitorque SB-2-60 actuators. Ref. DCR 80-387
82-8454	02-12-83	Provided temporary lighting for overlay welding on 20" RHR shutdown cooling suction piping. Ref. DCR 82-263
81-3026	02-01-83	Replaced solenoid valve E21-F019A & limit switches with environmentally qualified ones per IEB 79-01B. Ref. DCR 79-459, 80-203
81-3027	02-01-83	Replaced solenoid valve E21-F019B & limit switches with environmentally qualified ones per IEB 79-01B. Ref. DCR 79-459, 80-203
81-3028	02-10-83	Replaced limit switches on E21-F037A with environmentally qualified ones, per IEB 79-01B. Ref. DCR 80-203
82-4234	01-04-83	Removed & environmentally sealed solenoid valve E41-F025 per IEB 79-01B. Ref. DCR 80-203, 79-459

82-4235	01-04-83	Removed & environmentally sealed solenoid valve E41-F028 per IEB 79-01B. Ref. DCR 80-203, 79-459
82-6268	02-13-83	Reinstalled conduit ESS-II-3176-1 1/4A & reterminated cable H11-P601-ES8-6039. Ref. DCR 80-199
82-5977	02-08-83	Made wiring revisions in relay panel H11-P620. Ref. DCR 78-318
82-6115	02-11-83	Installed relays E51A-K51 & K52 & wiring in control panel H11-P621. Ref. DCR 81-175
82-6119	02-13-83	Pulled cables H11-P630-A9060, A9061, A9062, A9063, R24-S011-E57-C75F, H11-P630-A2085, X-102A-C155 & X-103A-C155 & R24-S012-E58-C17G in panel H11-P630
81-6241	02-11-83	Replaced E51-S1 & S2 with 3-pos. keylock type SW., E51A-S30 & E41A-S33 with 3 pos. spring return type SW., P.B. E51A-S16 & S29 with 2 pos. SW., E51A-S25 with 2 pos. operator on control panel H11-P602
82-6242	02-11-83	Replaced listed panel sel switched in H11-P601 panel
82-6402	02-11-83	Revised wiring & terminations of R24-S01L-E58-C176 in panel H11-P623
82-6816	02-12-83	Terminated cables H11-P630-A942 & A943 in panel H11-P621
82-6944	02-11-83	Installed conduits H11-P630-A9060 & A9062 & conduit supports
82-7001	02-13-83	Terminated cables R24-S021-E57-C22 & 23 in panel H11-P602

83-108	02-11-83	Fabricated & installed 2" & 3/4" pipe, pipe fittings & valve for G31 RWCCU pump seal purge system tie into 2" C11 piping. Ref DCR 79-095
83-264	02-12-83	Fabricated & installed 3/4" pipe, pipe fittings, & valves on G31-C001A RWCU "A" pump vents & drains. Ref. DCR 80-379
83-678	02-12-83	Fabricated & installed 1/2" & 3/4" pipe, pipe fittings & valves for G31-C001A RWCU pump "A" cooling water piping
83-763	02-11-83	Performed hydro-static test on new G31 RWCU seal purge system piping
81-2956	02-01-83	Replaced existing radwaste floor drains contain iso. G11-F004 solenoid valve & switch with new 79-01B environmentally qualified ones. Also replaced J-box & installed 6 pt. states block
83-932	02-12-83	Performed hydro. on welds adding flanges to "A" RWCU pump G31-C001A high pressure side. Ref. DCR 79-095
83-1121	02-12-83	Performed hydro. on welds adding flanges to cooling water (RBCCW) section of G31-C001A
83-52	02-11-83	Inspected G51-F021 limit switches & solenoid & found them to be 79-01B qualified & sealed
83-372	02-11-83	Replaced damaged 3/8" OD SS tubing from root valves to G51-N001 torus cleanup vac. drag & Pis. Ref. DCR 80-199
82-5974	02-11-83	Revised wiring in relay panel H11-P617. Ref. DCR 78-318
82-5975	02-13-83	Revised wiring in relay panel H11-P622. Ref. DCR 78-318

82-5976	01-13-83	Performed necessary wiring changes in relay panel H11-P621. Ref. DCR 78-318
82-3634	01-04-83	Installed internal wiring to RPS logic relays C71-K16A&B as required to implement DCR 81-154
81-3012	02-10-83	Replaced old radwaste equip. drains contain. iso. switches & S21. Valve G11-F020 with environmentally qualified 79-01B switches & valves. Ref. DCR 79-459, 80-203
82-4181	01-04-83	Installed DW Eq. drain pump iso. valve G11-F019, as per HNP-6980, in the upright position & installed new flexible hose. Ref. DCR 79-459, 80-203
82-6179	02-13-83	Replaced bolts installed per FDR 82-92-1 on RWCU filter demin "B" isol. valve G31-F052B with new stud & nut. Ref. DCR 82-092
82-6279	01-19-83	Disconnected existing cables H11-P613-C043, C044, C045 on Rx. water cleanup sys. G31 & tag as spares. Pull new cables H11-P613-C043, C044 & C045
82-6283	01-26-83	Terminte cables H11-P613-C043, C044, & C045 for RWCU sys. G31
82-8189	02-11-83	Removed insulation from RWCU G31 14" pipe & replaced insulation on 14" & 3" after installed
82-8354	02-08-83	Made modification to (2) G31-C001 pump casings & removed the discharge orifices per DCR 82-250
82-8550	01-27-83	Performed HNP-3501 on RWCU system dp transmitters G31-NO30, NO41 & FT G31-NO12
82-8568	02-08-83	Installed new capnuts per DCR 82-262 on RWCU heat exchanger re-gen. G31-B001

82-7445	01-11-83	Remove the two wires from relay terminals 5 & 6 of A71-K5B & install onto relay terminals 5 & 6 of A71-K6B per DCR 79-149, R1
82-4182	01-19-83	Replaced C11-F009 Disch. Vol. Iso. solenoid valve, junction boxes & terminals boxes with 79-01B qualified valves & boxes. Also, built & installed mounting brackets for solenoid valve & J-boxes. Ref. DCR 79-459
82-8367	02-13-83	Installed scaffolds & lead shielding around CRD piping; removed 3/4" piping; installed prefabricated spool pieces; fittings & valves C11-F090A,B & C11-F091A,B; installed pipe support C11-CRD-H700,H701,H702, H703; installed conduit support CS-118-65; removed scaffolding & lead shielding
83-449	02-13-83	Calibrated & performed FT on scram discharge volume level switches 1C11-N013A,B,C,D,E, & F
83-1222	02-13-83	Replaced flex conduit which runs between SDV high level switch C11-LS-N013C & conduit RPS-IIA-3035. Ref. DCR 81-18
82-6278	01-19-83	Disconnected existing cables H11-P612-C047 & C048, tagged as spares, & pulled new cable H11-P612-C047 & C048. Ref. DCR 80-430
82-8456	01-19-83	Elevated the span adjustment on Xmtr's 1C32-N005A&B to approx. 50% of range and their proper indicator 1C32-R604A&B were reading 50% of range
82-8544	02-13-83	Removed conduit & conduit supports for D/W pressure instrumentation T48-N020B & N003B. Fabricated & installed new conduit (DCR 79-439)

83-204	02-01-83	Verified correct ambient temp at containment atmosphere cooling system recorder. DCR 80-430
83-206	01-31-83	Performed loop check on containment atmosphere cooling systems components T48-F112B & T48-FT-N014B DCR 80-430
83-208	02-08-83	Calibrated & verified containment atmosphere cooling system transmitter T48-N001 DCR 80-430
83-144	01-25-83	Retagged & terminated spare containment atmosphere cooling system cables DCR 80-430
83-205	02-08-83	Calibrated & verified containment atmosphere cooling system transmitter T48-N009A DCR 80-430
83-207	01-31-83	Performed loop check on containment atmosphere cooling system valve T48-F112A. DCR 80-430
83-275	02-13-83	Performed hydrostatic test on D/W pressure instrumentation. DCR 79-439
83-597	02-14-83	Calibrate new cont atmosphere cooling system level instrumentation. DCR 80-412
83-734	02-14-83	Installed breaker & terminated cables on D/W pressure instrumentation. DCR 79-439
83-735	02-13-83	Fabricated & installed conduits support & conduit for D/W pressure instrumentation. DCR 79-439
83-768	02-14-83	Calibrated D/W pressure instrumentation converter cards & insulator cards. DCR 80-157
82-5142	01-13-83	Relocated valve P52-F1193 & installed instru. air check & valve. DCR 80-341

82-5143	01-13-83	Fabricated & installed instrument air pipe, & check valve. DCR 80-341
83-363	02-03-83	Repaired weld on instrument air check valve P52-F569. DCR 80-341
83-302	02-07-83	Disassembled & cleaned radwaste building bucket traps & strainers. DCR 82-98
83-402	02-07-83	Replaced turbine bldg. auxiliary steam system traps. DCR 82-98
81-3020	01-19-83	Replaced D/W pneumatic containment isolation solenoid valve & limit switches. 79-01B
81-3021	02-04-83	Replaced existing limit switches & solenoid valves for D/W pneumatic containment isol system. IEB 79-01B, DCR 79-459
82-7578	02-04-83	Pulled D/W pneumatic systems cables per DCR 80-111
82-7581	02-13-83	Installed D/W pneumatic conduit & conduit support per DCR 80-111
82-7658	02-04-83	Installed D/W pneumatic system actuator. DCR 80-111
82-7743	02-12-83	Installed D/W pneumatic system selector switches, indicator lights & relay. DCR 80-111
82-8089	02-04-83	Pulled D/W pneumatic system cables. 81-111
83-425	02-13-83	Fabricated & installed pneumatic air supply piping (DCR 82-263)
83-739	02-08-83	Calibrated D/W pneumatic system pressure switches. DCR 81-111
82-7946	02-02-83	Installed instrument air lines & supports. DCR 82-75

81-2918	01-04-83	Installed primary containment H & O ₂ anal. isolation limit switches. DCR 79-459, 80-203
81-3011	01-04-83	Replaced existing primary containment isolation solenoid valve & limit switches. DCR 79-459, 80-203
81-3014	01-25-83	Replaced existing primary containment isolation solenoid valve & limit switches. DCR 79-459, 80-203
81-2482	02-08-83	Replaced existing plant service water solenoid valve & limit switches. DCR 79-459, 80-203
82-2910	02-08-83	Fabricated & installed condensate pump pressure instrument. DCR 82-81
82-4189	01-19-83	Reinstalled solenoid valve P41-F036A. DCR 79-459
82-5126	10-27-82	Fabricated & installed instrument air pipe & check valve. DCR 80-341
82-5127	01-13-83	Fabricated & installed instrument air pipe & check valve. DCR 80-341
82-5129	10-26-82	Fabricated & installed instrument air pipe & check valve. DCR 80-341
82-5128	10-27-82	Fabricated & installed instrument air pipe & check valve. DCR 80-341
82-5130	10-27-82	Fabricated & installed instrument air pipe & check valve. DCR 80-341
82-7010	02-13-83	Terminated cables on terminal strip AA of panel H11-P621. DCR 81-175
82-7945	02-13-83	Disconnected circuits & relabel as spares on drywell pressure instruments 1H11/1H21. DCR 79-439

82-8200	02-11-83	Modified MCR panel per sketch B-P-80-157-1022 Rev. A. Remove unistrut & stiffeners not shown on sketch. DCR 80-157
82-8201	02-11-83	Modified panel H11-P690 per sketch B-P-80-157-1023, Rev. A including removal of all existing equipment & wire except H11-P690-C020, C021, C022. DCR 80-157
82-8498	02-13-83	Modified the Class IE analog converter/isolator system panel. DCR 80-157
82-8764	02-01-83	Installed equipment supports & panel stiffeners for panel H11-P690. Worked with MR 1-82-8201. DCR 80-157
82-8765	02-01-83	Installed equipment supports & panel stiffeners for panel H11-P689. Worked with MR 1-82-8200. DCR 80-157
83-121	02-05-83	Installed only terminal boards TB3 & TB4 in panel H11-P689. Installed terminal boards TB1, TB2, TB3, & TB4 in panel H11-P690
83-146	01-15-83	Installed new terminal block supports in panel H11-P689 (DCR 80-157). worked with MR 1-82-8765
83-1254	02-14-83	Replaced 1/2" globe valve 1U43-F034E with new 1/2" ball valve, worchester X-41 in. DCR 83-28
83-953	02-13-83	Hydrostatically tested piping modifications accomplished with MR's 1-82-8367 & 1-83-101 in accordance with HNP-6907. DCR 81-18
82-5132	01-13-83	Installed 1/2" check valve GV-879 P21-F429 between P21-F394 & G11-F521. DCR 80-341, R.1

82-5133	01-13-83	Installed 1 1/2" check valve between P21-F373 & G11-F191. DCR 80-341
82-5135	01-12-83	Installed 1 1/2" check valve GV-879 P21-F425 between valve P21-F392 & G11-F556. DCR 80-341, R.1
82-5136	01-14-83	Installed 1 1/2" check valve between P21-F414A & G11-F034A. DCR 80-341
82-5137	01-13-83	Installed 1/2" 600#S/S S/W lift type check valve GV-879 P21-F427 between P21-F393 & G11-F522. DCR 80-341
82-5138	01-12-83	Installed 2" check valve GV-876 P21-F424 upstream of G11-F551. DCR 80-341
82-5145	10-27-82	Installed 1" check valve GV-878-MPL-P21-F545. DCR 80-341, R.1
81-2917	11-23-82	Replaced existing solenoid valve & limit switches with environmentally qualified solenoid valve & limit switches per IEB 79-01B. DCR 79-459, 80-203
81-3008	02-10-83	Replaced existing solenoid valve & limit switches with environmentally qualified solenoid valve & limit switches per IEB 79-01B. DCR 79-459, 80-203
81-3013	01-19-83	Replaced existing solenoid valve & limiting switches with environmentally qualified solenoid valve & limit switches per IEB 79-01B. DCR 79-459, 80-203
81-2983	02-08-83	Replaced existing solenoid valve & limit switches with environmentally qualified solenoid & limit switches per IEB 79-01B. DCR 79-459, 80-203
82-4187	01-19-83	Removed existing solenoid valve environmentally sealed per HNP-6980, R.4, & reinstalled. DCR 79-459

82-4188	01-19-83	Removed existing solenoid valve, environmentally sealed as per HNP-6980, R.4 & reinstalled. DCR 79-459
82-4205	01-19-83	Removed existing solenoid valve, environmentally seal as per HNP-6980, R.4 & reinstalled. DCR 79-459
82-4206	01-19-83	Removed existing solenoid valve, environmentally seal per HNP-6980, R.4, & reinstalled. DCR 79-459
82-6273	01-31-83	Terminated & redlined cables H11-P603-ES0-C047 & H11-P603-ES0-C048 in panels H11-P603, H21-P004 & H21-P005. DCR 80-430
82-6630	01-26-83	Terminated & redlined cables H11-P601-ES0-C031, H11-P601-ES0-C042, H11-P612-ES0-C115, & H11-P620-ES0-C080. DCR 80-430
82-7527	02-11-83	Retagged switch NO03 as QE51-LS-NO60. Installed QE51-LS-NO61 & a new 0 E41-LS-NO03 approx. 170 CCW from existing switches. DCR 81-175
82-8192	02-11-83	Performed hydrostatic test on valve E41-F049. DCR 81-14
82-5978	02-12-83	Performed core drill for 4" RCIC cable conduit. DCR 81-175
82-6932	02-13-83	Retagged cables on E51 sys. due to revisions in raceway numbers
82-7577	02-11-83	Installed 2 - 2" nozzles for CST level switches. DCR 81-175
82-5178	01-28-83	Made external revisions to panels H11-P601, P612, P613, P617, & P621. DCR 82-036
82-5237	01-26-83	Revised internal wiring of H11-P601 to delete switch E11A-542. DCR 82-036

82-5238	01-26-83	Revised internal wiring of H11-P613. DCR 82-36
82-5239	01-26-83	Revised internal wiring in panel H11-P612, DCR 82-36
82-5240	01-26-83	Revised internal wiring in H11-P621. DCR 82-36
82-6378	01-25-83	Terminated & redlined cables H11-P613-ES9-C085, H11-P613-ES9-C086, & H11-P601-ES9-C060. DCR 80-430
82-6384	02-13-83	Disconnected RHR Sys. Div. I cables & pulled new cables. DCR 80-430
82-6750	01-19-83	Terminated & redlined cables H11-P601-ES0-C055, H11-P612-ES0-C071 & H11-P612-ES0-C072. DCR 80-430
82-7412	02-01-83	Replaced wedge in RHR min flow valve E11-F007A. DCR 82-264
82-8551	02-03-83	Replaced level indicator B21-R610 & performed loop check. DCR 80-430
82-8596	01-28-83	Verified proper function & correct readout of press. transmitter E11-N002B & recorder E11-RC003-1. DCR 80-430
82-8597	02-03-83	Verified proper function & correct readout of flow transmitter E11-N015A & flow recorder E11-R608. DCR 80-430
82-8598	01-28-83	Verified proper function & correct readout of flow transmitter E11-N015B & flow recorder E11-R608. DCR 80-430
82-8638	01-14-83	Replaced hydraulic snubber E11-RHRH-195
82-8640	01-14-83	Replaced hydraulic snubber E11-RHRH-325
82-8641	01-14-83	Replaced hydraulic snubber E11-RHRH-324
82-8642	01-14-83	Replaced hydraulic snubber E11-RHRH-323B

82-8643	01-14-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-306B
82-8644	01-14-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-221
82-8645	01-14-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-299
82-8666	01-14-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-223
82-8667	01-14-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-254
82-8668	01-14-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-279B
82-8669	01-14-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-344
82-8670	01-14-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-292
82-8673	01-14-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-SM-8
82-8675	01-14-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-S1
83-191	01-14-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-230A
83-198	01-26-83	Replaced & functionally tested L31 hydraulic snubber E11-RHRH-348
83-247	01-19-83	Replaced old snubber E11-RHRH-322B
83-246	01-19-83	Replaced old snubber E11-RHRH-322A
83-248	01-19-83	Replaced old snubber E11-RHRH-323A
83-250	01-19-83	Replaced old snubber E11-RHRH-332

82-8646	01-14-83	Replaced old snubber E21-OSH-71
82-8671	01-14-83	Replaced old snubber E41-HPSEH-60A
83-252	01-19-83	Replaced old snubber E41-HPSEH-67
83-253	01-19-83	Replaced old snubber E41-HPSEH-73
83-254	01-19-83	Replaced old snubber E41-HPSEH-81
83-255	01-19-83	Replaced old snubber E41-HPSEH-83
83-319	01-19-83	Replaced old snubber E41-HPSEH-93
83-45	02-10-83	Visually inspected limit switches for E21-F037B. DCR 80-203
82-6631	01-19-83	Disconnected cables H11-P601-ES0-C031, H11-P601-ES0-C042, H11-P612-ES0-C115 & H11-P620-ES0-067. Pulled cables H11-P601-ES0-C031, H11-P601-ES0-C042, H11-P612-ES0-C115 & H11-P620-ES0-C080. DCR 80-430
82-8413	02-08-83	Calibrated & verified proper readout of HPCI system level indicators & recorders E41-N026A&B. DCR 80-430
82-6281	01-19-83	Terminated & redlined core spray sys. Div. II cable H11-P612-ES0-C019 in panels H11-P612 & H21-P019. DCR 80-430
82-5940	02-11-83	Installed conduit supports for RCIC system. DCR 81-175
82-5241	01-26-83	Removed relay K120 & associated wiring in panel H11-P617. DCR 82-036
81-4907	02-13-83	Pulled cable from U-1 reactor bldg. to main control room for rad monitor reactor bldg. sump

82-1002	02-07-83	Fabricated & installed piping & tubing, & hangers for accident range gas monitor sample line tee-in. DCR 80-53
82-7472	02-13-83	Fabricated & installed annunciator windows for D11-H11-P650
82-7565	02-13-83	Fabricated & installed annunciator windows for D11-H11-P650
81-2960	02-10-83	Replaced solenoid valve E11-F050B & associated limit switches with environmentally sealed ones per IEB 79-01B. DCR 79-459, 80-203
82-4233	02-11-83	Replaced solenoid valve E11-F122B & associated limit switches with environmentally sealed ones per IEB 79-01B. DCR 79-459, 80-203
81-3024	02-11-83	Replaced solenoid valve E21-F006A & associated limit switches with environmentally sealed ones per IEB 79-01B. DCR 79-459, 80-203
81-3025	02-10-83	Replaced solenoid valve E21-F006B & associated limit switches with environmentally sealed ones per IEB 79-01B. DCR 79-459, 80-203
83-232	02-02-83	Calibrated & verified proper function of HPCI sys. flow transmitter E41-N008, & recorder E41-R600-001. DCR 80-430
83-526	02-11-83	Install conduit ESS-I-563. DCR 78-318
81-2376	02-11-83	Installed conduit & conduit supports for X-102A-C155 & X-103A-C155. DCR 78-318
82-7009	02-13-83	Terminated cables H11-P621-ES7-C060, C061, E51-N060, E51-C001, H11-P621-ES7-C058, & C059, for U-1 CST level switches. DCR 81-175

82-7157	02-13-83	Installed suppression chamber level switches E51-LS-N062A & B. DCR 81-175
82-6770	02-09-83	Freeze seal piping downstream of valve P41-F885. DCR 80-182
83-1266	02-13-83	Install pipe support P41-SWH-700. DCR 83-029
81-3018	11-15-82	Replace existing limit switches with environmentally qualified one. DCR 79-459, 80-203
82-7493	12-16-82	Installed bypass line & valves on P70-F001A. DCR 80-111
82-6635	01-14-83	Replaced the loss of excitation relay with a new one in panel H11-P670. DCR 81-40, R.1
81-2970	01-18-83	Replaced existing switches w/environmentally qualified one. Ref. DCR 79-459, 80-203 on the T41-F043B
81-3000	02-11-83	Replaced existing switches with environmentally qualified ones on T41-F023B. DCR 79-459, 80-203
81-3003	11-08-82	Replaced existing switches with environmentally qualified ones on T41-F026B. DCR 79-459, 80-203
81-3007	01-09-83	Replaced existing switches with environmentally qualified ones on T41-F032A. DCR 79-459, 80-203
81-3029	01-09-83	Replaced existing switches with environmentally qualified ones on T41-F031B. DCR 79-459, 80-203
81-2949	02-08-83	Replaced existing switches with environmentally qualified ones on T46-F003A. DCR 79-459, 80-203

82-7474	02-12-83	Tag valves reserved for DCR 79-126 T48-F356
82-8057	12-28-82	Fabricate & installed paint mounting support for instruments T48-PT-N003B, N020B, 023B. DCR 79-439
82-8157	12-08-82	Retag the existing GE/Mac power supplies 1T48-E/S K008A, B, 1T48-ES-K009A, B, 1T48-ES-K019A, B, & 2T48-ES-K001. DCR 79-439
83-733	02-12-83	Pull cables R25-S037-M11, R25-S037-M11A, R25-S036-M15, R25-S036-M15A, R25-S065-ES8-M08B & R25-S064-ES7-M25B. DCR 79-439
82-6021	01-28-83	Main steam safety relief valve "K" reinstalled after bench test & modification on 1B21-F013K. DCR 82-177
82-6022	01-28-83	Main steam safety relief valve "K" reinstalled after bench test & modification on 1B21-F013L. DCR 82-177
82-6023	01-28-83	Main steam safety relief valve "K" reinstalled after bench test & modification on 1B21-F013J. DCR 82-177
82-6024	01-28-83	Main steam safety relief valve "K" reinstalled after bench test & modification on 1B21-F013F. DCR 82-177
82-6025	01-28-83	Main steam safety relief valve "K" reinstalled after bench test & modification on 1B21-F013G. DCR 82-177
82-6026	01-28-83	Main steam safety relief valve "K" reinstalled after bench test & modification on 1B21-F013H. DCR 82-177
82-6031	01-28-83	Main steam safety relief valve "K" reinstalled after bench test & modification on 1B21-F013A. DCR 82-177
82-6032	01-28-83	Main steam safety relief valve "K" reinstalled after bench test & modification on 1B21-F013B. DCR 82-177

82-6037	01-28-83	Main steam safety relief valve "K" reinstalled after bench test & modification on 1B21-F013C. DCR 82-177
82-6038	01-28-83	Main steam safety relief valve "K" reinstalled after bench test & modification on 1B21-F013D. DCR 82-177
82-6039	01-28-83	Main steam safety relief valve "K" reinstalled after bench test & modification on 1B21-F013E. DCR 82-177
81-4666	01-04-83	Pulled cable H11-P689-E59-C018/C019 H11-P690-E50-C018/C019. DCR 79-445
82-7560	02-11-83	Install conduit Nos H11-P621-ES7-C060 & C061. DCR 81-175
83-266	02-13-83	Install pipe hangers B21-FDH-(700-701) E51-RCICH-(704-705). DCR 82-85
83-598	02-13-83	Calibrate the level switches QE41-LS-N003, QE51-LS-N061, QE51-LS-N062A, QE51-LS-N062B. DCR 81-195
83-1155	02-12-83	Hydro test the piping installed with MR 1-82-7157. DCR 81-175
83-1255	02-16-83	Install pipe supports on E51 system. DCR 81-175
81-1413	02-08-82	Installed valves G51-F018, F019 on G51 system. DCR 78-200, R.2
81-5320	01-15-83	Prepared cable spreadroom for new U-1 vertical panel in control room. DCR 79-439
82-5973	02-09-83	Terminate cables H11-P630-A9060, A9061, A9062, & A9063, R24-S011-ES7-C75M-H11-P630-A2085, X-102A. DCR 78-318

80-2519	02-07-83	Make U-1 generator & alternator temp. monitoring system operable on N41. DCR 78-283
81-2972	12-02-82	Replaced existing valve with environmentally qualified one on P41-F040B. DCR 79-459
82-5373	02-12-83	Run the hydrostatic test & liquid penetrant test on P41-F885. DCR 80-182