

INSERVICE INSPECTION REPORT
UNIT 1 MCGUIRE 1986 REFUELING
OUTAGE 3

Location: Hwy 73, COWANS FORD, NORTH CAROLINA

NATIONAL BOARD NO. 44

COMMERCIAL SERVICE DATE: DECEMBER 1, 1981

Owner: Duke Power Company
422 S. Church St.
Charlotte, N. C. 28242

Revision 1

Prepared By: A. J. Hogg Jr. Date 1-8-88
Reviewed By: B. Hogg Date 1-15-88
Approved By: J. Bartlett Date 1-15-88

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11.0 Classes 1 and 2 Repairs and Replacements

As required by ASME Section XI 1980 Edition, a record of the Classes 1 and 2 Repairs and Replacements for work performed from 6/23/85 through 9/07/86 is provided and is included in this section of the report. The individual work request documents are on file at the McGuire Nuclear Station.

REPAIRS/REPLACEMENT LOG
ASME SECTION XI-1980

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WR#	UNLT	DESCRIPTION
047310	1	Repair Fuel Pool Cooling Pump "1B"
050367	1	Repair Nuclear Service Water Pump "1B"
050550	1	Repair Valve INI-431B
050551	1	Repair Valve INI-430A
050615	1	Repair Valve ICA-166
052883	1	Repair Turbine Driven Auxiliary Feedwater Pump
053170	1	Repair Safety Injection Pump "1A"
056919	1	Repair Upper Containment Vent Isolation Valve
122374	1	Repair Valve ICF-35
122482	1	Replace Valve IRN-67
122497	1	Repair RN Side of KC Heat Exchanger "1A"
122529	1	Repair Valve IKC-548
122532	1	Repair Valve IKC-149
122590	1	Repair UHI P/D Pump

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WR#	UNIT	DESCRIPTION
126964	1	Repair Boric Acid Filter "A"
126967	1	Repair Pressurizer Instruments INC-5140
126969	1	Repair Pressurizer Level Channel INC-5160
127092	1	Repair Relief Valve IND-3
127766	1	Repair Valve INV-244
128066	1	Repair Pump INV-27
37858	1	Weld Cap on Vent INV-874
41863	1	Repair Valves INV-816, INV-132, & INV-821
56899	1	Repair Hanger IMCA-ND-H16
56904	1	Repair Hanger IMCA-ND-H26
56906	1	Repair Hanger IMCA-ND-H20
56909	1	Repair Hanger IMCA-CA-H7
57059	1	Repair Hangers IMCA-ND-H19, ND-H20, ND-H21, & ND-H22
57092	1	Repair Hanger IMCA-ND-H87

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WR#	UNIT	DESCRIPTION
57130	1	Repair Hanger IMCA-ND-H17
57133	1	Repair Hanger IMCA-ND-H305
57136	1	Repair Hanger IMCA-ND-H64
57147	1	Repair IA CA Pump
57151	1	Repair Hanger IMCA-NB-1288
57156	1	Repair Hanger IMCA-ND-H299
57161	1	Repair Hanger IMCA-ND-H78
57162	1	Repair Hanger IMCA-ND-H59
57163	1	Repair Hanger IMCA-ND-H7
57164	1	Repair Hanger IMCA-ND-H284
57165	1	Repair Hanger IMCA-ND-H67
57166	1	Repair Hanger IMCA-ND-H55
57167	1	Repair Hanger IMCA-ND-H249
57710	1	Repair Hanger IMCA-SA-H76

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WR#	UNLT	DESCRIPTION
57799	1	Replace Soubber on Hanger 1KC-120
57801	1	Repair Hanger 1MCR-NI-H33
57827	1	Repair Hanger 1MCA-CA-H411
73382	1	Repair Hanger 1MCR-NI-H620
73384	1	Repair Hanger 1MCR-NI-H37
86558	1	Repair NI Pump "1B"
86561	1	Repair KC Pump Motor "1B1"
86564	1	Repair CA Pump Motor 1A
86570	1	Repair KC Pump Motor 1A1
86572	1	Repair 1NI-9 Pump Motor
86573	1	Repair RN Pump Motor 1A
86665	1	Repair Valve 1RN-221
86666	1	Repair KC Heat Exchanger 1B
86667	1	Replace Valve 1RN-120

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WR#	UNIT	DESCRIPTION
86770	1	Repair Valve ISA-48
86839	1	Repair Valve IRN-277B
93994	1	Replace Valve IRN-251
052671	1	Repair Valve INV-44
122099	1	Repair Valve ISV-7
122532	1	Repair Valve IKC-149
122717	1	Repair Valve ICA-50
123738	1	Repair Valve INI-334
125909	1	Repair Valve IRN-413
41838	1	Repair Valve INV-857
57181	1	Replaced Hanger IMCA-KC-1042
86770	1	Repair Valve ISA-48
050126	1	Replace Transmitter on INC-5090
050129	1	Replace Transmitter Parts on INC-5110

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WR#	UNIT	DESCRIPTION
050459	1	Replaced Diaphragm on LSM-5210
050227	1	Replaced Valve in Instrument ICF-6020
050272	1	Replaced Valve in Instrument ICF-5550
053075	1	Replaced Transmitter in Instrument ICF-5020
055519	1	Repair Lube Oil Pump "B"
055520	1	Repair Lube Oil Filter Bypass Pump "B"
055522	1	Repair Diesel Fuel Booster Pump
055523	1	Repair Diesel Fuel Oil Transfer Pump
056362	1	Repair Waste Evap Feed Tank Sump Pump
056781	1	Repair Component Cooling Pump "1A1"
057070	1	Repair RHR & CS Room Sump Pump "1B1"
125179	1	Repair Valve ICA-144
126229	1	Repair Pump INV-15
126931	1	Repair Pump IRN-116

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WR#	UNIT	DESCRIPTION
127887	1	Repair Pump IRN-3
41840	1	Repair Valve IND-58A
42158	1	Repair Valve INV-155
56547	1	Repair Valve IFW-32B
57174	1	Repair Valve INC-320B
57452	1	Repair Valve INC-340A
57453	1	Repair Valve INC-360B
86813	1	Repair Valve IRV-80B
86840	1	Repair Valve IKC-332B
86949	1	Repair Valve IRN-277B
92824	1	Machine a Groove in B Reactor Coolant Pump Coupling
92826	1	Machine a Groove in D Reactor Coolant Pump Coupling
94006	1	Repair Valve ISA-49
049715	1	Repair Boric Acid Pump "B"

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WR#	UNLT	DESCRIPTION
049949	1	Repair IRN-3 Pump
050115	1	Replaced Transmitter on INC-5000
050116	1	Repair Transmitter on INC-5010
050122	1	Replaced Transmitter on INC-5050
050126	1	Replaced Transmitter on INC-5090
050129	1	Repair Transmitter on INC-5110
050132	1	Repair Transmitter on INC-5160
050133	1	Repair Transmitter on INC-5160
050230	1	Replaced Indicator on ICF-5540
050272	1	Repair Transmitter and Valve on ICF-5550
050273	1	Repair Transmitter on ICF-5560
050278	1	Replaced Indicator on ICF-5600
053059	1	Repair Transmitter on ISM-5090
124359	1	Repair Limit Switch on IVQ-1

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WR#	UNLT	DESCRIPTION
124451	1	Repair Valve IWL-42
124497	1	Repair Relief Valve INI-151
125179	1	Repair Valve ICA-144
126229	1	Repair "1B" NV Pump
126486	1	Repair Valve INV-86
126821	1	Repair IKC-330
126931	1	Repair IRN-116
41840	1	Repair Valve IND-58
42158	1	Repair Valve INV-155
56547	1	Repair Valve IFW-32B
57174	1	Repair INC-320B
57452	1	Repair INC-340A
57453	1	Repair INC-360B
73306	1	Repair IRN-89A

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WR#	UNLT	DESCRIPTION
86714	1	Repair INV-843
86785	1	Repair RN Piping
93675	1	Repair Valve INI-151
050331	1	Repair Centrifugal Charging Pump "1A"
050476	1	Replaced Valves on INC-6660
050479	1	Replaced Valves on INC-6630
056993	1	Replace Diesel Engine Lube Oil Intake Filter
057771	1	Repair INV-44
122642	1	Repair Oil Leak Around Blank Flange
122722	1	Repair Valve IKD-1
123315	1	Repair Valve INI-342
125140	1	Replaced Valve IRV-77
125697	1	Repair Valve INV-235
127627	1	Repair Valve IRN-421

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WR#	UNIT	DESCRIPTION
127776	1	Repair Valve 1RN-144
128308	1	Repair Level Indicator on 1FW-5540
128321	1	Repair Seal on 1B D/G Filter Pump
37861	1	Replace Orifice on 1NI-5200
56314	1	Repair Welds 1NI-169-7, 1NI-206-2, & 1NI-179-3
57996	1	Repair 1CA-387
57997	1	Repair Hanger 1MCA-CA-413
58262	1	Perform RT on NV Welds
58263	1	Perform RT on NV Welds
65400	1	Repair Flowmeter on 1NV-5450
86689	1	Repair Transmitter on FW Loop
86786	1	Replace RN Piping
86859	1	Repair Valve 1KD-339
86865	1	Repair Valve 1NV-1001

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WR#	UNLT	DESCRIPTION
86958	1	Repair Diesel Generator Cooling Water Pump Heat Exchanger 1B
93971	1	Repair Reactor Coolant Pump 1B #2 Seal Housing
94091	1	Repair Valves INI-76A & INI-88B
050504	1	Repair Main Steam Safety Valve 1SV-5
050505	1	Repair Main Steam Safety Valve 1SV-6
057545	1	Repair Reciprocating Charging Pump Union
058378	1	Repair Transmitter on INC-5120
058379	1	Repair Transmitter on INC-5140
122004	1	Repair 1CF-33
122304	1	Repair INI-120
122510	1	Repair IRN-21
122578	1	Repair Valve INC-272A
122861	1	Repair INC Pump Motor
125206	1	Repair Valve INV-359

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WR#	UNLT	DESCRIPTION
126279	1	Replaced Valve ISA-49
126903	1	Repair 1B2 KC Pump
127150	1	Repair Valve INC-175
128006	1	Repair Valves 1WL-56 & 1WL-54
128012	1	Repair Valve INC-301
128258	1	Repair Valve INI-227
128228	1	Repair Weld above Valve INV-292
128353	1	Repair Valve INI-79
128452	1	Repair Valve INC-35
56883	1	Replace Snubbers on IMNC-SG-0008
56884	1	Replace Snubbers on IMNC-SG-0006
56886	1	Replace Snubbers on IMNC-SG-0005
58279	1	Repair Hanger IMCR-CF-H156
65054	1	Replace All Compression Fittings on Impulse Lines on Pressurizer

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WR#	UNIT	DESCRIPTION
66018	1	Replace Parts on INC-5120
66101	1	Repair INC-272
66185	1	Repair Valves 1KC-338, 1KC-424, 1KC-425, & 1KC-338
66256	1	Replace Isolation Valves INCLT-5150, 5160, & 5170
66363	1	Repair Valve INI-65B
86174	1	Repair Valve INI-35B
86460	1	Repair IWL-41
92792	1	Replace Valves INV-1750 & INV-2520
93900	1	Replace Existing NC Lines
93954	1	Repair INI-9
93969	1	Install Nozzle Dams in Steam Generator
93976	1	Repair NC and KC Oil Coolers
93977	1	Repair NC Oil Cooler
93978	1	Repair NC Oil Cooler

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WR#	UNIT	DESCRIPTION
94041	1	Repair Transmitter on ICF-5640
94076	1	Replace Valve INV-236
94104	1	Repair Gamma Plug in CF Line
94106	1	Repair CF Valves
94109	1	Repair Hangers IMCR-NV-44 and IMCR-NV-359
94128	1	Repair Hanger IMCR-NI-5560
51514	1	Repair Main Steam Isolation Valve ISM7
51989	1	Repair Main Steam Isolation Valve 1-SM-7
51990	1	Repair Main Steam Isolation Valve ISM-5
51992	1	Repair Main Steam Isolation Valve ISM-1
54098	1	Repair CF Isol. Valve Actuator
122465	1	Repair "D" NC Pump INC4
122539	1	Repair INI-76A
122540	1	Repair Valve INI 88 "D" INI-88B

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WR#	UNLT	DESCRIPTION
122811	1	Repair Set Point Adjusting Pin On Valve INV-229
124491	1	Repair INC-6620
125637	1	Repair ICA-30
127135	1	Repair Valve ISV19 AB (S/G PORV) Valve Leaks Past Seat
127769	1	Repair INC 214, Valve Does Not Pass Flow INC-214
128441	1	Repair D Cla Level Instrumentation INI-5110
41864	1	Repair Valves INV637H INV-6370
41880	1	Repair Valve IWL-30
56163	1	Repack Valve ICF-127B
56816	1	Repair Leaking Valve IFW 28
57829	1	Repair Hanger 1 MCA HG H368
58291	1	Repair INCI Relief Vlv
65638	1	Repair 1 MCA 5101
93806	1	Repair Orifice Plate NI System

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WR#	UNLT	DESCRIPTION
122001	1	Repair Valve INI-57
122003	1	Repair Valve INI-80
124424	1	Repair Valve INI-162A
124655	1	Repair Valve INI-67
124656	1	Repair Valve INI-68
125696	1	Repair Valve INV-232
128602	1	Repair Valve INI-120B
128711	1	Repair Valve INC-1
128726	1	Repair Valve INC-2
128727	1	Repair Valve INC-3
57697	1	Install Gamma Plug on Line SM
57698	1	Install Gamma Plug on Line SM
86864	1	Repair Valve INC-54A
57716	1	Work Request For Maintenance INC-59

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WR#	UNIT	DESCRIPTION
951235	1	Cut Out and Reweld on VQ System.
951119	1	Replace CA Valves.
950720	1	Install New Flow Elements on NV System
126208	1	Seal Weld Hinge Pins on CF25
93740	1	Seal Weld Hinge Pins on CF27
93741	1	Seal Weld Hinge Pins on CF Valves
93708	1	Repair Instrument Lines on CF System
93710	1	Repair Steam Generator Hand Holes (CF System)
42242	1	Repair Instrument Line on SV System
122001	1	Repair Valve
122003	1	Repair Valve
122539	1	Repair Valve 1 NI 76
122540	1	Repair Valve 1 NI 88
122811	1	Repair Flange Leak

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WR#	UNLT	DESCRIPTION
124655	1	Repair Valve
124656	1	Repair Valve
125696	1	Repair Valve 1 NV 232
127092	1	Repair 1 ND 3
127627	1	Repair Actuator on 1 RN 421
128711	1	Adjust Relief Setpoint
56547	1	Replace Packing Valve 1 FW 0032B
66185	1	Check and Record Torque Switch Settings
86572	1	Inspect/Rod Out The Motor Cooler
86864	1	Repair 1 NC 54
94109	1	Notch Hanger MC 1683 NV 44 to Eliminate Interference with 1 NV 359

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