

NRR 91 *R. Heimer*
File

TMI UNIT 2 RECOVERY

MASTER TEST INDEX (MTX)

Revision 0

Prepared by:

R. J. Toole
GPU/Met-Ed Start-up & Test

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140 149

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TMI - UNIT 2 - RECOVERY

INDEX TO MTX
(by task designation)

<u>MTX</u>	<u>System</u>	<u>B&R Print</u>
TS-3C	Long Term Cool Down System - OTSG - "B"	
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TS-6B	RCS Passive Pressure Control System	
TS-10/11	Diesel Generators/Distribution System	
TS-15	Auxilliary Decay Heat Removal System	
WG-1	Auxilliary & F. H. Bldg. HVAC	
WG-2	CAPGUN Ion Exchange Process System	
WG-6	Fuel Pool Waste Storage	
WG-11	Water Chemistry Laboratory (for CAPGUN)	
WG-12	Modified Decay Heat Vaults Ventilation System	SK.WG-12-HV-1
1063	Condenser Air Extraction Filtration System	

TMI UNIT 2 RECOVERY - MTX

MTX

System

B&R Print

TS-3C

Long Term Cool Down System - OTSG - "B"

Instrumentation Calibration

Electrical Test

Flush - Class "C"

Pressure Test

Pre-operational Test

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TMI UNIT 2 RECOVERY - MTX

MTX

System

B&R Print

TS- 3D

Long Term Cool Down System - OTSG "A"

Instrumentation Calibration

Electrical Test

Pressure Test

Flush - Class "C"

Pre-operational Test

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TMI UNIT 2 RECOVERY - MTX

MTX

System

B&R Print

TS-6B

RCS Passive Pressure Control System

Instrumentation Calibration

Electrical Test

Flush - Class "B"

Pressure Test

Pre-operational Test

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TMI UNIT 2 RECOVERY - MTX

MTX

System

B&R Print

TS-10/11

Diesel Generators/Distribution System

1. Fuel Oil System Pre-operational Test
 - A. Inspect fuel oil tanks. Confirm with diesels vendor rep.
 - B. Fill storage tanks with diesel oil.
 - C. Vendor run. Fuel oil pumps installed in diesel housing and check.

2. Lubricating Oil Pre-operational Test
 - A. Fill both diesel pumps with lube oil.
 - B. Check lube oil pumps with vendor.

3. Cooling Water System
 - A. Check that cooling water system is flushed.
 - B. Check that rust inhibitor is added.

4. Electrical Test
 - A. Modify condensate pump booster pump breakers for elec. feed to diesel aux.
 - B. Checkout cond-booster pump breakers & back feed the buses from DG-A & DE-B.
 - C. Checkout DG-A & DG-B auxiliaries & battery charger.
 - D. Run diesel generators & synchronize to bus.
 - E. Check diesels with Power loss to 2-3 & 2-4 SWGR

5. Circ. water House
 - A. Check out the circ. water pump breaker interlocks for 13.2kv line.
 - B. Energize 13.2 kv transformer.
 - C. Energize 2-5, with new 13.2 kv line and run a circ. water pump on bus 2-5
 - D. Energize 2-6 with new 13.2 kv line and run a circ. water pump on bus 2-6.

TMI UNIT 2 RECOVERY - MTX

MTX

System

B&R Print

TS-15

Auxiliary Decay Heat Removal System

Electrical Test

Instrumentation Calibrations

Flush - Class "B"

Pressure Test

Pre-operational Test

TMI UNIT 2 RECOVERY - MTX

MTX

System

B&R Print

WG-1

Aux & F.H. Bldg. HVAC

1. HVAC

Fan Units 1 & 2

Electrical Test

Pre-Operational Test

MSA - Efficiency Test

Instrumentation Calibration

Radiation Monitors Calibration

2. HVAC

Fan Units 3 & 4

Electrical Test

Pre-Operational Test

MSA - Efficiency Test

Instrumentation Calibration

Radiation Monitors Calibration

3. Fire Service - All Fan Units

Flush - Class "D"

Hydrostatic Test - 1½ Times designed (225 psig)

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TMI UNIT 2 RECOVERY - MTX

MTX

System

B&R Print

WG-2

CAPGUN Ion Exchange Process System

1. Hoist

Electrical Test

Pre-Operational Test - Factory Rep.

2. HVAC

Electrical Test

Pre-Operational.

MSA - Efficiency Test

Instrumentation Calibration

3. SA

Flush - Class "C"

Hydrostatic - Operational

4. DW

Flush - Class "C"

Hydrostatic - Operational

5. Process/Sump

Flush - Class "C"

Hydrostatic Test

Pre-Operational Test

Instrumentation Calibration

Electrical Test

Radiation Monitors Calibration

6. Relay Testing

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TMI UNIT 2 RECOVERY - MTX

MTX

System

B&R Print

WG-6

Fuel Pool Waste Storage

System

Flush - Class "C"

Hydrostatic Test-Operational

Hydrostatic Test-Pneumatic

Pre-Op

Instrumentation Calibration

Electrical Test

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TMI UNIT 2 RECOVERY - MTX

MTX

System

B&R Print

WG-11

Water Chemistry Laboartory (for CARGUN)

Flush

Hydrostatic Test

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TMI UNIT 2 RECOVERY - MTX

MTX

System

B&R Print

WG-12

Modified Decay Heat Vaults Ventilation System SK.WG-12-HV-1

Electrical Test

Instrumentation Calibration

Pre-operational Test

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TMI UNIT 2 RECOVERY - MTX

MTX

System

B&R Print

1063

Condenser Air Extraction Filtration System

Electrical Test

Instrument Calibration

Pre-operation Test

Hydrostatic Test - Operational

Flush - Class "D"

Filter Efficiency Test (by AAF)

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