



INSTRUMENT NO.	DESCRIPTION	COMP. PT.
TSH-CR01	CRD M-G MTR D/B BRG MT	T270
TSH-CR02	CRD M-G MTR D/E BRG MT	T271
TSH-CR03	CRD M-G MTR M/E BRG MT	T272
TSH-CR04	CRD M-G MTR D/B BRG MT	T273
TSH-CR05	CRD M-G MTR D/E BRG MT	T274
TSH-CR06	CRD M-G MTR STATOR TEMP	T275

- NOTES:**
- FOR GENERAL NOTES, PIPING SYMBOLS AND PID INDEX, SEE DRAWING M-001.
 - FOR INSTRUMENTATION SYMBOLS SEE DRAWING M-002.
 - FOR COMPLETE REACTOR COOLANT SYSTEM P & ID SEE DRAWING M-030A & M-030B.
 - SYSTEM FUNCTIONS SHOWN ARE FOR NORMAL OPERATION UNDER FULL LOAD.
 - THE CONNECTIONS SHOWN ARE FOR ISOLATION VALVES LEAK TEST.
 - DELETED
 - UNLESS OTHERWISE NOTED ALL VENT CONNECTIONS ARE 1/2" AND DRAIN CONNECTIONS 1" LINE IDENT. SAME AS HEADER.
 - FOR (V) VENTING ASSEMBLIES AVAILABLE TO SERVE G1 CONTROL ROD DRIVES.
 - OWNER PIPING TO BE ENGINEERED BY BECHTEL AND SUPPLIED BY DRINKELL.
 - DELETED
 - ALL VENT AND DRAIN LINES SHALL HAVE DOUBLE VALVING FOR PIPING CLASS 600 POUNDS AND HIGHER.
 - TUBING SHALL BE 3/4" O.D. x 0.065" SEAMLESS STAINLESS STEEL SA-213 OR 304.
 - TEMPORARY START-UP STRAINER REMOVED. SPOOL PIECE WITH VALVE ADDED.
 - THE ONLY VENT OR DRAIN LINE CAPS REQUIRED TO BE SHOWN ON PIPING AND INSTRUMENTATION DIAGRAMS ARE THOSE CONTROLLED UNDER BOP-00058 (FORMERLY ADVIS-03). THE ACTUAL TERMINATION OF ALL OTHER VENTS OR DRAINS ARE NOT SHOWN AND INSTEAD, AN OPEN ENDED PIPE IS DISPLAYED.
 - WHERE NOTED, THE TANK CAPACITY IS NOMINAL, WHERE APPLICABLE, SEE DD-PF-06705 (TANK LEVEL CALIBRATION CURVES) FOR INDICATED LEVEL VS. VOLUME RELATIONSHIP. (REF. P/CAOR 96-0276)
 - SOME VALVES NUMBERED WITH A "PM" DESIGNATION (E.G. PV23) ARE BEING USED TO SUPPLY DEMINERALIZED WATER. REFERENCE W00 95-0050.

- LR NOTES:**
- A. FOR GENERAL LICENSE RENEWAL NOTES REFER TO LR-M061-01. SEE DRAWING M-001.
 - B. COMPONENTS BEYOND THE HIGHLIGHTING DO NOT CONTAIN LIQUID OR STEAM NOR ARE ATTACHED TO SAFETY-RELATED COMPONENTS. THEREFORE, THESE COMPONENTS ARE NOT WITHIN THE SCOPE OF LICENSE RENEWAL.
 - C. THE REACTOR VESSEL HEAD VENT LINE IS HIGHLIGHTED ON DRAWING LR-M030A.
 - D. UPDATED SA BOUNDARY IS AT THE INDICATED LOCATION, AS SHOWN ON P&ID M-040A REV. 77 AND REV. 78.
- LICENSURE RENEWAL BOUNDARY DRAWING LR-M040A REV. 3**

SYSTEMS SHOWN ON THIS DRAWING:
 03: REACTOR COOLANT
 13: COMPONENT COOLING & DEMINERALIZED WATER
 15: CONTAINMENT SPRAY & CORE FLOODING
 18: GASEOUS WASTE
 19: REACTOR COOLANT VENT & DRAIN
 23: SAMPLING

BECHTEL COMPANY GAITHERSBURG, MARYLAND		
DAVIS-BESSE NUCLEAR POWER STATION THE TOLEDO EDISON COMPANY THE CLEVELAND ELECTRIC ILLUMINATING COMPANY		
PIPING & INSTRUMENT DIAGRAM REACTOR COOLANT SYSTEM DETAILS		
JOB NO.	DRAWING No.	REV.
7749	M-040A	76

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