



- GENERAL NOTES:**
1. REFERENCE B & M DWG. 30371F.
 2. SYSTEM FUNCTIONS SHOWN ARE FOR NORMAL OPERATION UNDER FULL LOAD.
 3. FOR GENERAL NOTES, PIPING SYMBOLS, AND P & I D. INDEX SEE DWG. M-001.
 4. FOR INSTRUMENTATION SYMBOLS, SEE DWG. M-002.
 5. DELETED.
 6. UNLESS OTHERWISE NOTED, ALL DRAINS WILL BE 1" & ALL VENTS 3/4" LINE IDENTIFICATION SAME AS HEADER DELETED.
 7. FOR VALVES REFERENCING THIS NOTE, ONLY THE LOCAL HANDWHEELS AND LOCAL PUSHBUTTON STATIONS OF THESE MOTORS ARE LOCKED. OPERATION FROM THE MAIN CONTROL ROOM IS NOT LOCKED.
 8. DELETED.
 9. DELETED.
 10. FOR INSTALLATION AND MATERIALS DETAILS REFER TO DWG. 7149-M-284A.
 11. FOR INSTALLATION AND MATERIALS DETAILS REFER TO DWG. 7149-M-284B.
 12. THE SOLENOID VALVES SV-SPTA1-5 AND SV-SPTB1-5 ARE EQUIPPED WITH POSITION SWITCHES (ZS) TO PROVIDE LOCAL AND SFRCS STATUS LIGHT INDICATION.
 13. THE ONLY VENT OR DRAIN LINE CAPS REQUIRED TO BE SHOWN ON PIPING AND INSTRUMENTATION DIAGRAMS ARE THOSE CONTROLLED UNDER DB-OP-00009 (FORMERLY AD1839.03). THE ACTUAL TERMINATION OF ALL OTHER VENTS OR DRAINS ARE NOT SHOWN AND INSTEAD, AN OPEN ENDED PIPE IS DISPLAYED.
 14. AIR TO SHAFI SIDE OF ACTUATOR CLOSES VALVE. VOLUME BOOSTERS, BYPASS VALVE, NEEDLE VALVES AND MAFFERS ASSOCIATED WITH THE ATMOSPHERIC VENT VALVE AIR SUPPLY ARE NOT SHOWN. SEE DRAWING 7149-M-307-1 FOR DETAILS OF THE AIR SUPPLY CONTROL SCHEMATIC.
 15. THE TEST CONNECTION CAPS SHOWN ON THIS DWG. ARE THOSE CONTROLLED UNDER DB-PT-03008. VALVES AFFECTED ARE MS1 THRU MS4, MS8 THRU MS9, MS11 THRU MS16, & FW80 THRU FW85.
 16. FESP1A, FESP1B, PTPSA1 & PTPSB1 (ZONES A-13, D-11, E-6 AND D-7) PROVIDE INPUT TO THE CALDON LEFT CHECK PLUS SYSTEM IN CONTROL PANEL C5751E, WHICH GENERATES DATA FOR COMPUTER POINTS F080, F081, F082 AND F083. COMPUTER POINT ALARM A170 AND CONTROL ROOM ANNUNCIATOR 10-4-A (NEW FLOW CALDON SYSTEM TROUBLE) ARE BROUGHT IN BY A FAILURE OF THE CALDON LEFT CHECK PLUS SYSTEM TO PROVIDE ACCURATE FEEDWATER FLOW VALUES ASSOCIATED WITH COMPUTER POINTS: F080, F081, F082 AND F083.

LR NOTES:
 A. FOR GENERAL LICENSE RENEWAL NOTES REFER TO LR-M001-01
 B. PIPES GO THROUGH AUXILIARY BUILDING AND ENTER TURBINE BUILDING. THE PORTION IN THE AUXILIARY BUILDING IS IN SCOPE FOR (A2).

LICENSE RENEWAL BOUNDARY DRAWING
 LR-M007B REV. 1

SYSTEMS SHOWN ON THIS DRAWING:
 05: MAIN FEEDWATER
 06: AUXILIARY FEEDWATER
 09: MAIN STEAM
 23: SAMPLING

BECHTEL ASSOCIATES
 PROFESSIONAL CORPORATION (OHIO)
 GAITHERSBURG, MARYLAND

DAVIS-BESSE NUCLEAR POWER STATION
 UNIT NO. 1

THE TOLEDO EDISON COMPANY

PIPING & INSTRUMENT DIAGRAM
 STEAM GENERATOR
 SECONDARY SYSTEM

JOB NO.	DRAWING NO.	REV.
12501	N-007B	55

01210