



- NOTES:**
1. AFTERCOOLERS ON AIRSTART SYSTEM ARE INTEGRAL WITH THE AIR COMPRESSORS.
 2. PHANTOM BOX OR PORTIONS OF SYSTEMS MARKED AS "SUPPLIED BY VENDOR" WERE SUPPLIED BY WESTERN ENGINE AS PART OF THE AIRSTART OR DIESEL SKIDS.
 3. LO160 IS INTERNAL TO THE STRAINER HOUSING AND LO165 IS INTERNAL TO THE LUBE OIL FILTER HOUSING.
 4. FOR GENERAL NOTES, PIPING SYMBOLS AND P & ID INDEX SEE M-001 AND M-002.
 5. WHERE NOTED THE TANK CAPACITY IS NOMINAL, WHERE APPLICABLE, SEE 89-PF-06705 (TANK LEVEL CALIBRATION CURVES) FOR INDICATED LEVEL VS. VOLUME RELATIONSHIP. (REF: PCAOR 96-0976).
 6. THIS VALVE HAS AN EXHAUST PORT THAT DEPRESSURIZES THE DOWNSTREAM SIDE WHEN THE VALVE IS DE-ENERGIZED.

LR NOTES:

FOR GENERAL LICENSE RENEWAL NOTES REFER TO LR-M017D-01.
 B. COMPONENTS HIGHLIGHTED ON THIS DRAWING ARE IN SCOPE FOR (A)(3) STATION BLACKOUT. THE MAIN FLOW PATHS REQUIRED TO PERFORM THE (A)(3) FUNCTION, AND BRANCH LINES TO AND INCLUDING THE FIRST VALVE, ARE IN SCOPE. COMPONENTS THAT ARE NOT HIGHLIGHTED CONTAIN AIR AND ARE NOT A CONCERN FOR (A)(3) AS CONSIDERATIONS, AND ARE THEREFORE NOT IN SCOPE.

LICENSE RENEWAL BOUNDARY DRAWING
LR-M017D REV. 1

SYSTEMS SHOWN ON THIS DRAWING:
 17. DIESELS

DAVIS-BESSE NUCLEAR POWER STATION
 UNIT NO. 1
 THE TULLOCH DESIGN COMPANY

PIPING & INSTRUMENT DIAGRAM
STATION BLACKOUT
DIESEL GENERATOR

DATE	REV.
M-017D	13

08 06-07-07 DPN+ 1-PTDS/M017D.DGN

01220