



PUMP	PI-1	PI-2	PI-3
FUNCTION	TE (1)	TE (2)	TE (3)
THRUST BEARING	559A	T175	563A
UPPER RADIAL BEARING	559B	T176	563B
LOWER RADIAL BEARING	559C	T173	563C
STATOR WINDING	559D	T174	563D

- NOTES:
- SYSTEM FUNCTIONS SHOWN ARE FOR NORMAL OPERATION UNDER FULL LOAD.
  - FOR GENERAL NOTES, PIPING SYMBOLS, AND P&ID INDEX SEE DRAWING M-001.
  - FOR INSTRUMENTATION SYMBOLS SEE DRAWING M-002.
  - UNLESS OTHERWISE NOTED ALL VENT CONNECTIONS ARE 1/2" AND DRAIN CONNECTIONS 1" LINE IDENT. SAME AS HEADER.
  - AIR VOLUME LOSS AVAILABLE TO OPERATE FOR MINIMUM OF 10 MINUTES ON LOSS OF NORMAL AIR SUPPLY.
  - ONE OF THESE TWO VALVES (CD167 AND CD168) SHALL BE LOCKED OPEN, THE OTHER VALVE SHALL BE UNLOCKED, CLOSED AND RECORDED IN LOCKED VALVE LOG.
  - 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.
  - VALVE CD69 (ZONE K-12) IS THROTTLED DURING 3 PUMP 100% OPERATION PER DB-OP-0622.1.
  - BLIND FLANGE ON ONE END OF TEE.
  - WHERE NOTED THE TANK CAPACITY IS NOMINAL. WHERE APPLICABLE SEE DB-PP-00008 (TANK LEVEL CALIBRATION CURVES) FOR INDICATED LEVEL VS. VOLUME RELATIONSHIP. (REF: PCAOR 96-0976.1).

LR NOTES:

A. FOR GENERAL LICENSE RENEWAL NOTES REFER TO LR-M01-01.

B. COMPONENTS BEYOND THE HIGHLIGHTED BOUNDARIES ON THIS DRAWING DO NOT SUPPORT THE 10 CFR 54.40(c), FIRE PROTECTION AND SBO, FUNCTION OF THE CONDENSATE STORAGE SYSTEM, AND ARE NOT LOCATED IN SAFETY-RELATED AREAS WHERE (A)(2)-NSAS CONSIDERATIONS ARE A CONCERN, THEREFORE, THEY ARE NOT IN SCOPE.

C. VENT LINE CONTAINS A BREATHING VALVE NOT SHOWN ON THIS DRAWING.

D. COMPONENTS LOCATED BEYOND THE HIGHLIGHTING ARE LOCATED IN THE TURBINE BUILDING WHERE (A)(2)-NSAS CONSIDERATIONS ARE NOT A CONCERN, AND ARE THEREFORE NOT IN SCOPE.

LR-M006E REV. 1

SYSTEMS SHOWN ON THIS DRAWING:

DB-PP-00008 (TANK LEVEL CALIBRATION CURVES)

DB-PP-00009 (FORMERLY AD1839.03)

**BECHTEL ASSOCIATES**  
**PROFESSIONAL CORPORATION (OHIO)**  
 341 THESBURG MARLBAND  
**DAVIS-BESSE NUCLEAR POWER STATION**  
 UNIT NO. 1  
 THE TOLEDO Edison COMPANY  
 PIPING & INSTRUMENTATION DIAGRAM  
**CONDENSATE SYSTEM**

JOB NO.	DRAWING NO.	REV.
12501	M-006E	26

012005