



Auxiliary Feedwater Pump Turbine, F0143, F00143, F0514, F07537, F07537A, F07537B and attached vent piping are evaluated in LRID system AF. All remaining components on this drawing are evaluated on LRID system MS.

TURBINE DRIVEN  
AUXILIARY FEEDWATER PUMP  
NO. 24 3S142MPA04

- REFERENCES:**
- BINGHAM-WILLAMETTE DWG. NO'S D-8647 & D-8649 (BECHTEL LOG NO'S 4853-81124 BT & 4853-80885 BT).
  - TERRY TURBINE OUTLINE DWG. NO. 102476E
  - BECHTEL LOG NO. 4853-88888 BT1.
  - FOR PIPING & INSTRUMENT SYMBOLS SEE DRAWINGS 0F0001 & 0F0002.
  - BINGHAM-WILLAMETTE DWG NO. B-3411B
  - BECHTEL LOG NO. 4853-80026-B1.8053-80025-BT1.
  - TURBINE LUBE OIL SYSTEM P&ID 55141F22547
  - HL&P P&ID 55149F08824 \*2 SHT 1 OF 2

- NOTES:**
- ALL INSTRUMENT TAG NUMBERS SHOWN THIS DIAGRAM ARE PREFIXED BY THE UNIT NUMBER \*2\* UNLESS OTHERWISE NOTED. SEE GENERAL NOTE D ON 0F0002
  - ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATION AF.
  - TAG NUMBER OF VALVES FURNISHED BY B-W IS SHOWN ON REF DWG 4.
  - THE TURBINE (INCLUDING CASING, EXHAUST FLANGE, DRAIN PIPING TO CONNECTING FLANGES, GOVERNOR VALVE AND TRIP THROTTLE VALVE) IS MANUFACTURED TO ASME III, BUT NOT CODE STAMPED.
  - \*N\* SYSTEM DESIGNATOR IS (N2AF0) EXCEPT AS SHOWN.

D223

LR BOUNDARY DRAWING NO.	REV.
LR-STP-MS-5S142F00024-2	0

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE	NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
3		INCORP. DCN 0000113.													
0-2	6-7-94	ISSUED FOR CONSTRUCTION.	JSH												

**SOUTH TEXAS PROJECT**  
**NUCLEAR OPERATING COMPANY**

STP

PRIORITY	CADD FILE NO.	FSGUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
1	F0200.031	0070928		NONE	5S142F00024	2	3

PIPING & INSTRUMENTATION DIAGRAM			
AUXILIARY FEEDWATER			