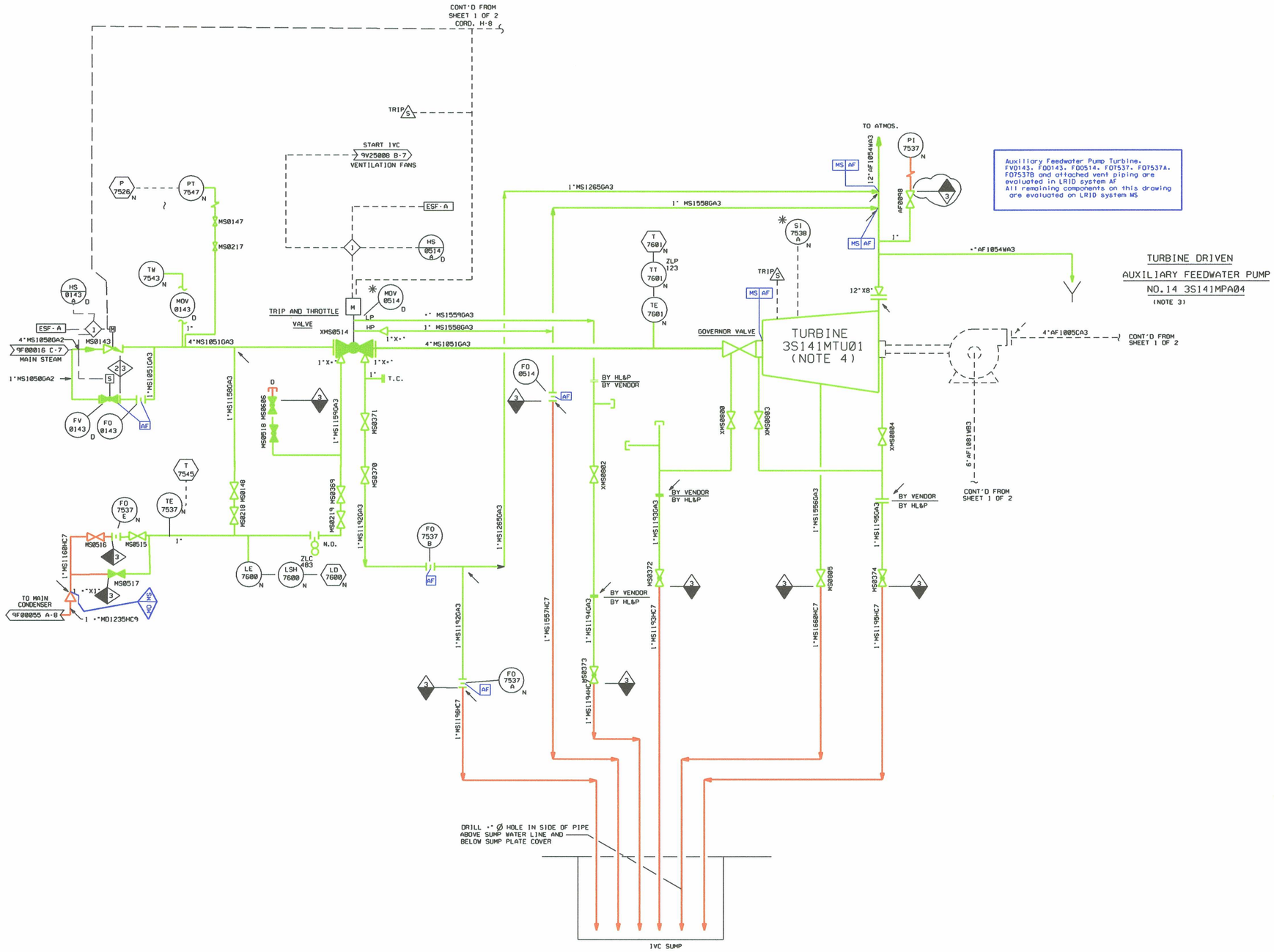

Auxiliary Feedwater Pump Turbine. FW0143, F00143, F00514, F07537, F07537A, F07537B and attached vent piping are evaluated in LR1D system AF
All remaining components on this drawing are evaluated on LR1D system MS

TURBINE DRIVEN
AUXILIARY FEEDWATER PUMP
NO.14 3S141MPA04
(NOTE 3)

REFERENCES:

1. BINGHAM-WILLAMETTE DWG. NO'S D-8647 & D-8649 (BECHTEL LOG NO'S 4053-01134 BT & 4053-00005 BT).
2. TERRY TURBINE OUTLINE DWG. NO. 102476E (BECHTEL LOG NO. 4053-00008 BT).
3. FOR PIPING & INSTRUMENT SYMBOLS SEE DRAWINGS 0F00001 & 0F00002.
4. BINGHAM-WILLAMETTE DWG NO. B-3411B (BECHTEL LOG NO. 4053-00026-BT,8053-00025-BT).
5. TURBINE LUBE OIL SYSTEM P&ID 5S141F22547
6. HL&P P&ID 5S149F00024 *1 SHT 1 OF 2

NOTES:

1. ALL INSTRUMENT TAG NUMBERS SHOWN ARE PREFIXED BY THE UNIT NUMBER "1" IN THIS DIAGRAM UNLESS OTHERWISE NOTED. SEE GENERAL NOTE D ON 0F00002
2. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATION AF.
3. TAG NUMBER OF VALVES FURNISHED BY B-W IS SHOWN ON REF DWG 4.
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.
5. "N" SYSTEM DESIGNATOR IS N1AF01

0222

LR BOUNDRY DRAWING NO.	REV.
LR-STP-MS-5S141F00024-2	0

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
5		REVISED PER CR 01-5029-1.	VJM				
4	5-22-00	INCORP. DCN 9902708	SIGNATURES ON FILE				
0-3	6-6-94	ISSUED FOR CONSTRUCTION	SIGNATURES ON FILE				

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE

SOUTH TEXAS PROJECT
NUCLEAR OPERATING COMPANY

PIPING & INSTRUMENTATION DIAGRAM
AUXILIARY FEEDWATER

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
1	F0203.051	D070928		NONE	5S141F0024	2	5

ESEED.DGN

8 7 6 5 4 3 2 1