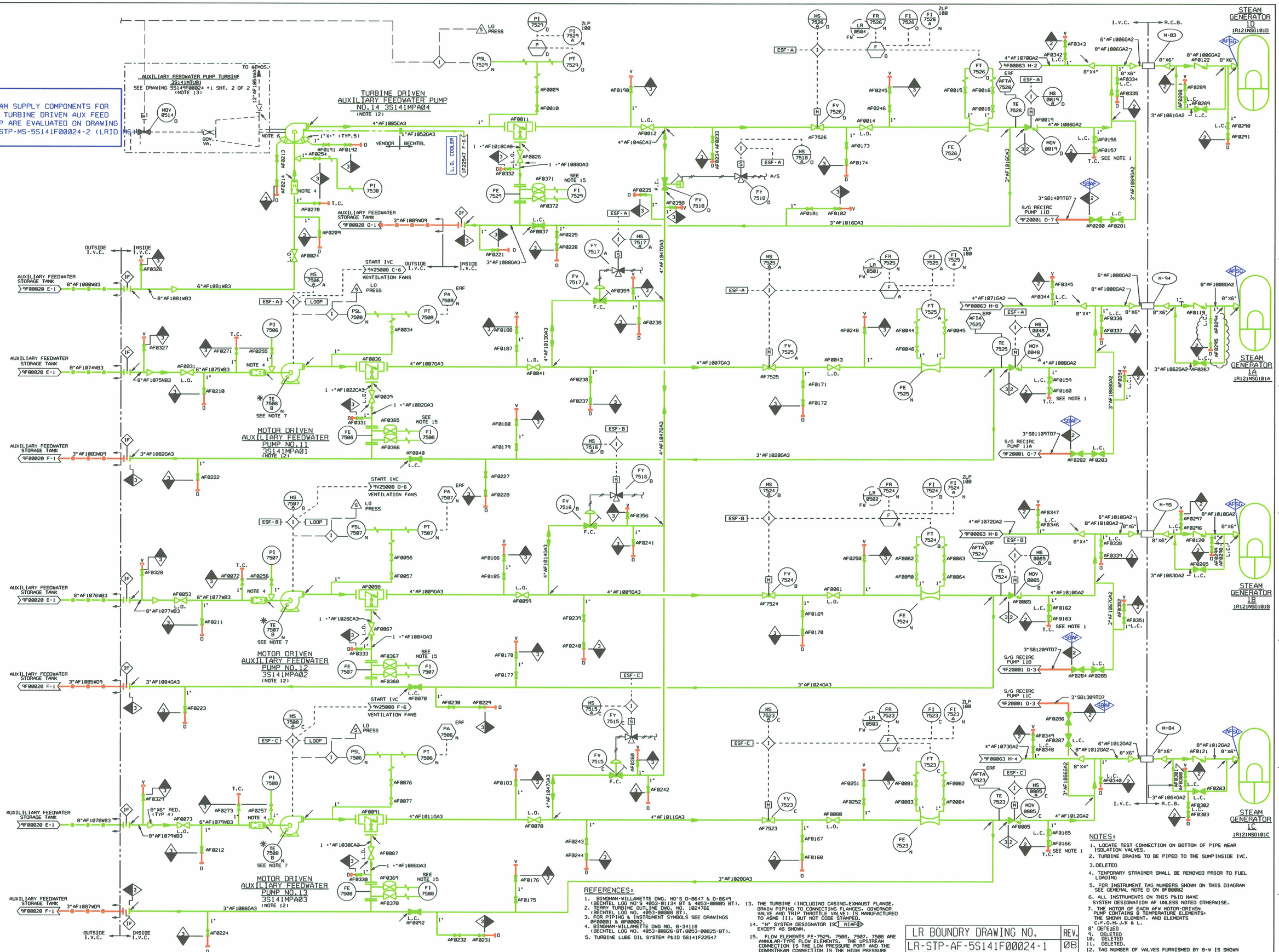
STEAM SUPPLY COMPONENTS FOR THE TURBINE DRIVEN AUX FEED PUMP ARE EVALUATED ON DRAWING LR-STP-MS-5S141F00024-2 (LRID MS-3)



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-34118 (BECHTEL LOG NO. 4053-00026-BT,0053-00025-BT).
5. TURBINE LUBE OIL SYSTEM P&ID 5S141F22547
13. 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.
14. "N" SYSTEM DESIGNATOR IS NIAF0 EXCEPT AS SHOWN.
15. FLOW ELEMENTS FE-7529, 7506, 7507, 7508 ARE ANNULAR-TYPE FLOW ELEMENTS. THE UPSTREAM CONNECTION IS THE LOW PRESSURE PORT AND THE DOWNSTREAM CONNECTION IS THE HIGH PRESSURE PORT FOR THESE FLOW ELEMENTS.

NOTES:

1. LOCATE TEST CONNECTION ON BOTTOM OF PIPE NEAR ISOLATION VALVES.
2. TURBINE DRAINS TO BE PIPED TO THE SUMP INSIDE IVC.
3. DELETED
4. TEMPORARY STRAINER SHALL BE REMOVED PRIOR TO FUEL LOADING
5. FOR INSTRUMENT TAG NUMBERS SHOWN ON THIS DIAGRAM SEE GENERAL NOTE D ON 0F00002
6. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATION AF UNLESS NOTED OTHERWISE.
7. THE MOTOR OF EACH AFW MOTOR-DRIVEN PUMP CONTAINS 8 TEMPERATURE ELEMENTS, THE SHOWN ELEMENT, AND ELEMENTS C,F,G,H,J,K & L.
8. DEFEIED
9. DELETED
10. DELETED
11. DELETED.
12. TAG NUMBER OF VALVES FURNISHED BY B-W IS SHOWN ON REF DWG 4.

LR BOUNDRY DRAWING NO.	REV.
LR-STP-AF-5S141F00024-1	0B

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
11		INCORP. DCN 0700897.	JSH				
10	5-23-07	INCORP. DCN 0600026.	JSH	ON FILE			
9	7-26-06	REVISED PER CR 06-8934	JGL	ON FILE			
8	10-5-01	INCORP. DCN 9904267.	LNB	ON FILE			
0-7	6-6-94	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

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	F0202.111	D070928		NONE	5S141F00024	1	11

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D005