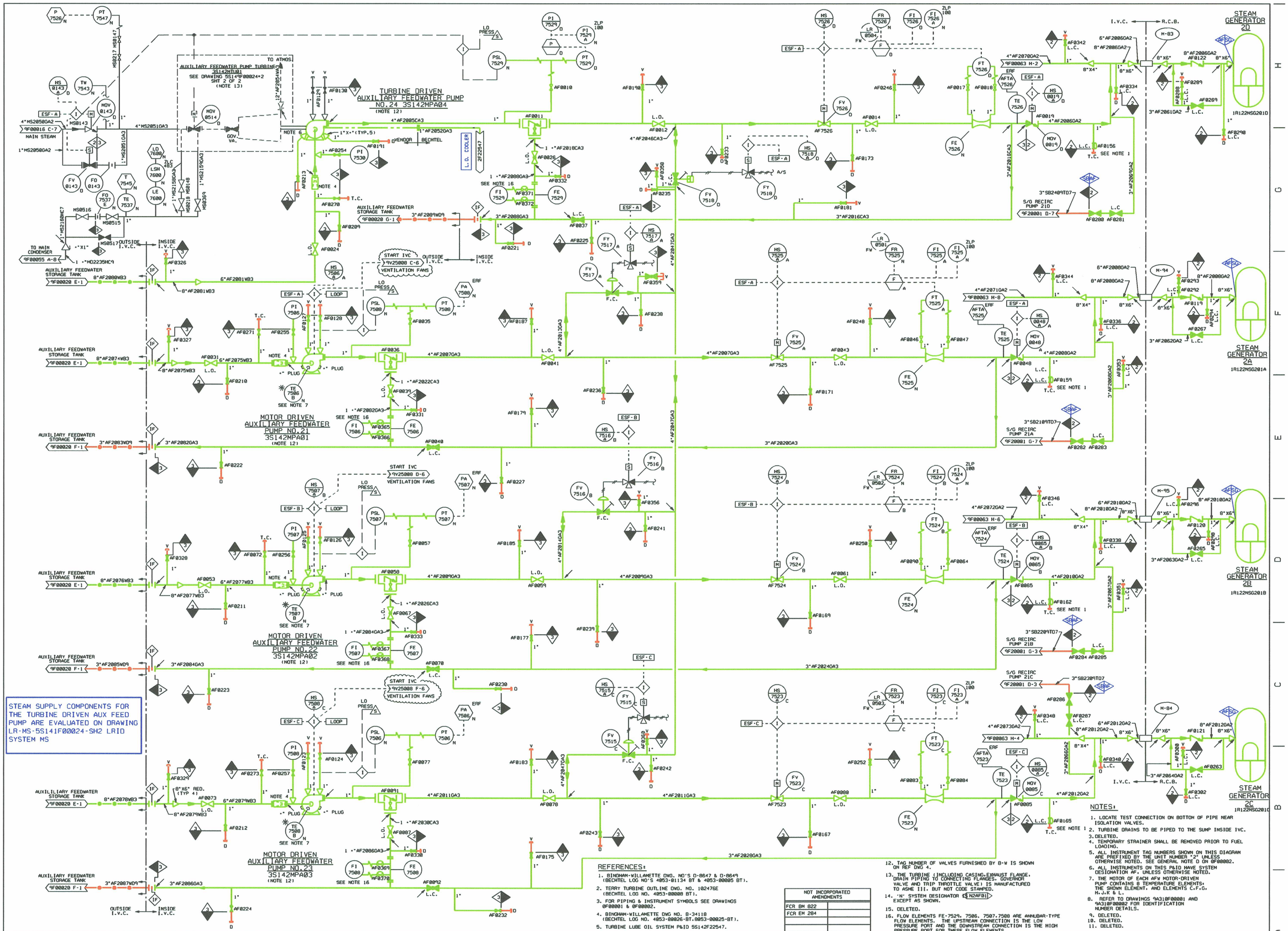

STEAM SUPPLY COMPONENTS FOR THE TURBINE DRIVEN AUX FEED PUMP ARE EVALUATED ON DRAWING LR-MS-5S141F00024-SH2 LRID SYSTEM MS

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.8053-00025-BT).
5. TURBINE LUBE OIL SYSTEM P&ID 5S142F22547.

NOT INCORPORATED AMENDMENTS	
FCR BM 022	
FCR EM 284	

12. TAG NUMBER OF VALVES FURNISHED BY B-W IS SHOWN ON REF DWG 4.
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 N2AF01 EXCEPT AS SHOWN.
15. DELETED.
16. FLOW ELEMENTS FE-7529, 7506, 7507,7508 ARE ANNUBAR-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. ALL INSTRUMENT TAG NUMBERS SHOWN ON THIS DIAGRAM ARE PREFIXED BY THE UNIT NUMBER "2" UNLESS OTHERWISE NOTED. SEE GENERAL NOTE D ON 0F00002.
6. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATION AF, UNLESS OTHERWISE NOTED.
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. REFER TO DRAWINGS 9A31F00001 AND 9A31F00002 FOR IDENTIFICATION NUMBER DETAILS.
9. DELETED.
10. DELETED.
11. DELETED.

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
10		REVISED PER CR * 06-8934.	JGL				
9	12-14-04	REVISED PER CR * 04-16322-1.	JSH	ON FILE			
8	10-25-00	INCORP. DCN 9903805 AND 9904322.	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	F0201.101	D070928		NONE	5S142F00024	1	10

LR BOUNDARY DRAWING NO.	REV.
LR-STP-AF-5S142F00024-1	0B

9007