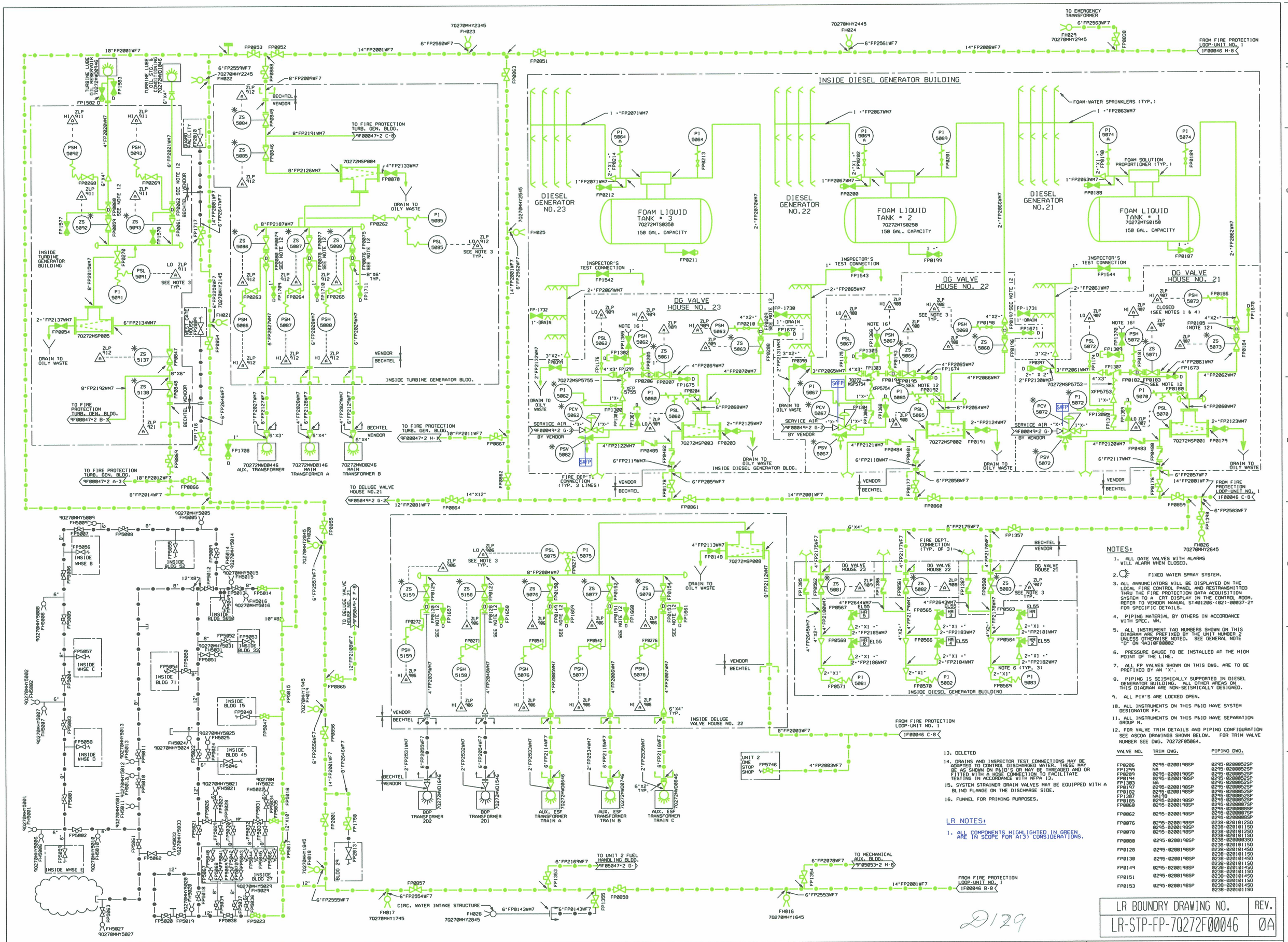

NOTES:

1. ALL GATE VALVES WITH ALARMS WILL ALARM WHEN CLOSED.
2. FIXED WATER SPRAY SYSTEM.
3. ALL ANNUNCIATORS WILL BE DISPLAYED ON THE LOCAL FIRE CONTROL PANEL AND RESTRANSMITTED THRU THE FIRE PROTECTION DATA ACQUISITION SYSTEM TO A CRT DISPLAY IN THE CONTROL ROOM. REFER TO VENDOR MANUAL ST401206-(021-00037-2Y FOR SPECIFIC DETAILS.
4. PIPING MATERIAL BY OTHERS IN ACCORDANCE WITH SPEC. WM.
5. ALL INSTRUMENT TAG NUMBERS SHOWN ON THIS DIAGRAM ARE PREFIXED BY THE UNIT NUMBER 2 UNLESS OTHERWISE NOTED. SEE GENERAL NOTE "D" ON 9A310F00002
6. PRESSURE GAUGE TO BE INSTALLED AT THE HIGH POINT OF THE LINE.
7. ALL FP VALVES SHOWN ON THIS DWG. ARE TO BE PREFIXED BY AN "X".
8. PIPING IS SEISMICALLY SUPPORTED IN DIESEL GENERATOR BUILDING. ALL OTHER AREAS ON THIS DIAGRAM ARE NON-SEISMICALLY DESIGNED.
9. ALL PIV'S ARE LOCKED OPEN.
10. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR FP.
11. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP N.
12. FOR VALVE TRIM DETAILS AND PIPING CONFIGURATION SEE ASCOA DRAWINGS SHOWN BELOW. FOR TRIM VALVE NUMBER SEE DWG. 70272F05064.

VALVE NO.	TRIM DWG.	PIPING DWG.
FP0206	0295-0200198SP	0295-0200052SP
FP1299	NA	0295-0200052SP
FP0209	0295-0200198SP	0295-0200052SP
FP0194	0295-0200198SP	0295-0200052SP
FP1303	NA	0295-0200052SP
FP0197	0295-0200198SP	0295-0200052SP
FP0182	0295-0200198SP	0295-0200052SP
FP1307	NA198	0295-0200052SP
FP0185	0295-0200198SP	0295-0200052SP
FP0060	0295-0200198SP	0295-0200087SP
		0295-0200088SP
FP0062	0295-0200198SP	0295-0200087SP
		0295-0200088SP
FP0076	0295-0200198SP	0238-0201012SO
	0295-0200198SP	0238-0201011SO
FP0078	0295-0200198SP	0238-0201012SO
		0238-0201011SO
FP0080	0295-0200198SP	0238-0200003SO
		0238-0201011SO
FP0128	0295-0200198SP	0238-0201014SO
		0238-0201011SO
FP0130	0295-0200198SP	0238-0201014SO
		0238-0201011SO
FP0149	0295-0200198SP	0238-0201014SO
		0238-0201011SO
FP0151	0295-0200198SP	0238-0201014SO
		0238-0201011SO
FP0153	0295-0200198SP	0238-0201014SO
		0238-0201011SO

13. DELETED
14. DRAINS AND INSPECTOR TEST CONNECTIONS MAY BE ADAPTED TO CONTROL DISCHARGED WATER. THESE MAY BE AS SHOWN ON P&ID'S OR MAY BE THREADED AND OR FITTED WITH A HOSE CONNECTION TO FACILITATE TESTING IN ACCORDANCE WITH NFPA 13.
15. SYSTEM STRAINER DRAIN VALVES MAY BE EQUIPPED WITH A BLIND FLANGE ON THE DISCHARGE SIDE.
16. FUNNEL FOR PRIMING PURPOSES.

LR NOTES:

1. ALL COMPONENTS HIGHLIGHTED IN GREEN ARE IN SCOPE FOR A(3) CONSIDERATIONS.

D129

LR BOUNDRY DRAWING NO.	REV.
LR-STP-FP-7Q272F00046	0A

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
34	7-21-04	INCORP. DCN 0302096	JGL	ON FILE			
33	4-22-04	INCORP. DCN 0400745	KS	ON FILE			
32	1-21-04	REVISED PER CR 02-19282-1.	LNB	ON FILE			
31	12-29-03	REVISED PER CR 02-19305.	LNB	ON FILE			
30	02-11-02	INCORP. DCN 0200349.	VJM	ON FILE			
0-29	8-3-83	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
36		INCORP. NDCN 05-14551-1-1.	JSH				
35	1-04-05	INCORP. NDCN 04-13878-2-1.	LNB	ON FILE			

ESEED.DGN

SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY

PIPING AND INSTRUMENTATION DIAGRAM FIRE PROTECTION LOOP

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
1	FJA586.361	D070928		NONE	7Q272F00046		36