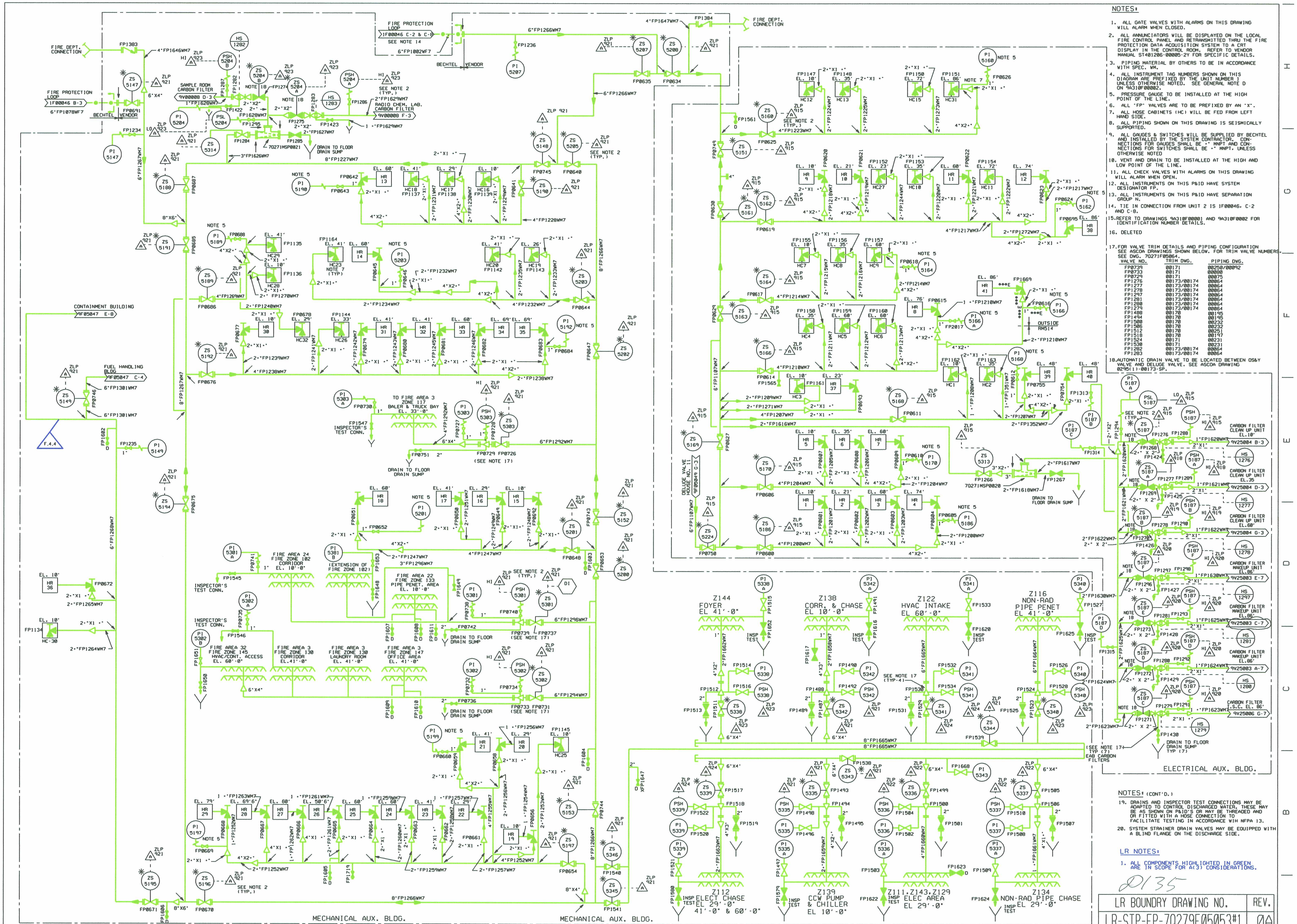

NOTES:

1. ALL GATE VALVES WITH ALARMS ON THIS DRAWING WILL ALARM WHEN CLOSED.
2. ALL ANNUNCIATORS WILL BE DISPLAYED ON THE LOCAL FIRE CONTROL PANEL AND RETRANSMITTED THRU THE FIRE PROTECTION DATA ACQUISITION SYSTEM TO A CRT DISPLAY IN THE CONTROL ROOM. REFER TO VENDOR MANUAL ST401206-00005-2Y FOR SPECIFIC DETAILS.
3. PIPING MATERIAL BY OTHERS TO BE IN ACCORDANCE WITH SPEC. WM.
4. ALL INSTRUMENT TAG NUMBERS SHOWN ON THIS DIAGRAM ARE PREFIXED BY THE UNIT NUMBER 1 UNLESS OTHERWISE NOTED. SEE GENERAL NOTE D ON 9A310F00002.
5. PRESSURE GAUGE TO BE INSTALLED AT THE HIGH POINT OF THE LINE.
6. ALL "FP" VALVES ARE TO BE PREFIXED BY AN "X".
7. ALL HOSE CABINETS (HC) WILL BE FED FROM LEFT HAND SIDE.
8. ALL PIPING SHOWN ON THIS DRAWING IS SEISMICALLY SUPPORTED.
9. ALL GAUGES & SWITCHES WILL BE SUPPLIED BY BECHTEL AND INSTALLED BY THE SYSTEM CONTRACTOR. CONNECTIONS FOR GAUGES SHALL BE •" MNPT AND CONNECTIONS FOR SWITCHES SHALL BE •" MNPT, UNLESS OTHERWISE NOTED
10. VENT AND DRAIN TO BE INSTALLED AT THE HIGH AND LOW POINT OF THE LINE.
11. ALL CHECK VALVES WITH ALARMS ON THIS DRAWING WILL ALARM WHEN OPEN.
12. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR FP.
13. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP N.
14. TIE IN CONNECTION FROM UNIT 2 IS 1F00046, C-2 AND C-8.
15. REFER TO DRAWINGS 9A310F00001 AND 9A310F0002 FOR IDENTIFICATION NUMBER DETAILS.
16. DELETED
17. FOR VALVE TRIM DETAILS AND PIPING CONFIGURATION SEE ASCOA DRAWINGS SHOWN BELOW. FOR TRIM VALVE NUMBERS SEE DWG. 7O271F05064.

VALVE NO.	TRIM DWG.	PIPING DWG.
FP0739	00171	00250/00092
FP0733	00171	00080
FP0729	00171	00075
FP1276	00173/00174	00064
FP1277	00173/00174	00064
FP1278	00173/00174	00064
FP1297	00173/00174	00064
FP1281	00173/00174	00064
FP1280	00173/00174	00064
FP1279	00173/00174	00064
FP1488	00170	00195
FP1494	00170	00195
FP1500	00170	00232
FP1506	00170	00232
FP1512	00170	00251
FP1518	00170	00197
FP1524	00171	00231
FP1530	00171	00231
FP1282	00173/00174	00064
FP1283	00173/00174	00064

18. AUTOMATIC DRAIN VALVE TO BE LOCATED BETWEEN OS&Y VALVE AND DELUGE VALVE. SEE ASCOA DRAWING 0295(1)-00173-SP.

NOTES: (CONT'D.)

19. 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 WIH NFPA 13.
20. SYSTEM STRAINER DRAIN VALVES MAY BE EQUIPPED WITH A BLIND FLANGE ON THE DISCHARGE SIDE.

LR NOTES:

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

D135

LR BOUNDRY DRAWING NO.	REV.
LR-STP-FP-7Q279F05053#1	0A

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
26		REVISED PER CR 02-2066-1.	VJM				
0-25	2-14-82	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

SOUTH TEXAS PROJECT
NUCLEAR OPERATING COMPANY

PIPING AND INSTRUMENTATION DIAGRAM
MECHANICAL ELECTRICAL AUX. BLDG.
FIRE PROTECTION

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
1	FJA167.261	D070928		NONE	7Q279F05053#1		26

ESEED.DGN