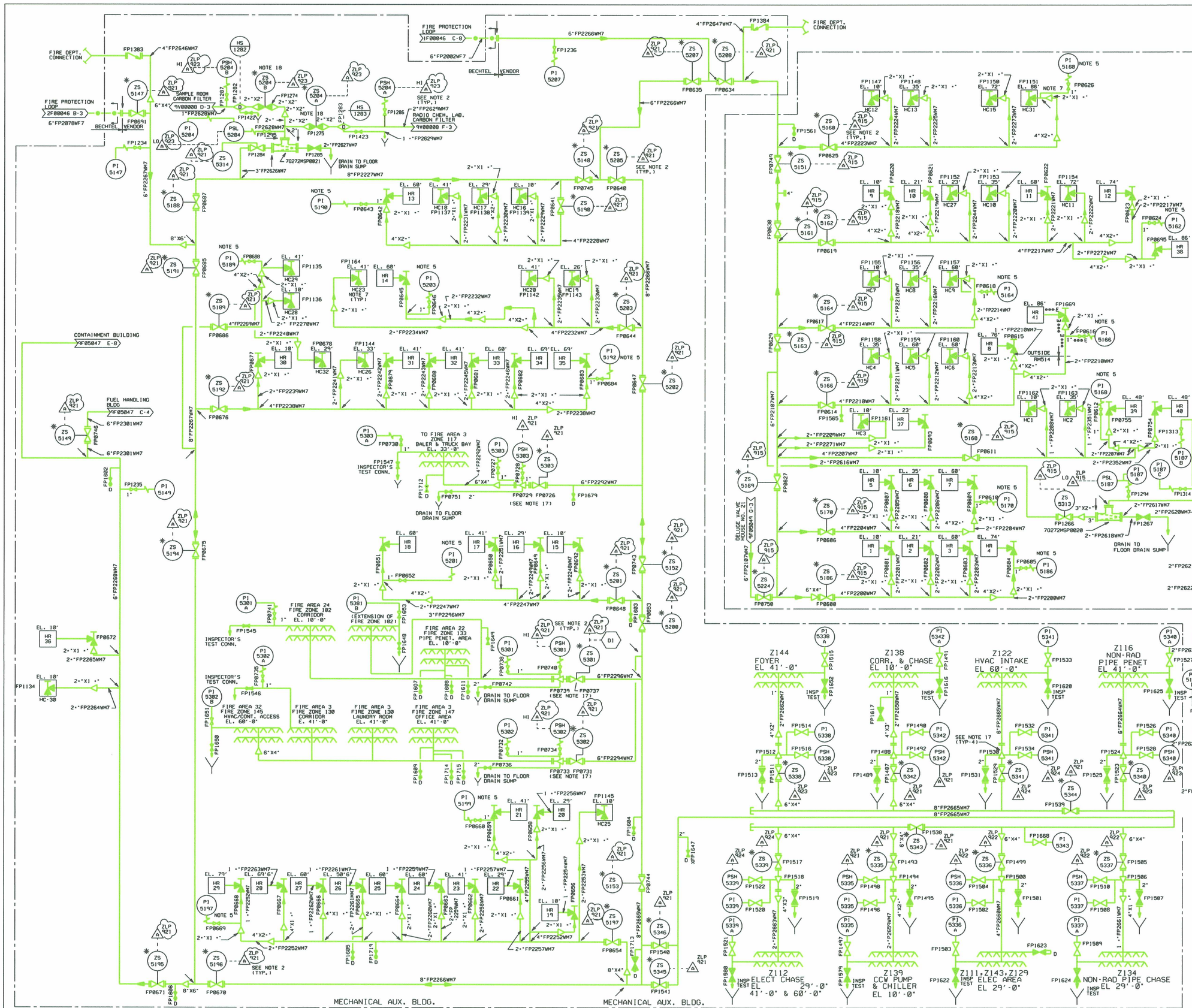

NOTES:

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. (REF. TO V/M ST-401206-(021-00037)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 2 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. DELETED
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. 70272F05864.

VALVE NO.	TRIM DWG.	PIPING DWG.
FP0739	00197	00136/00248
FP0733	00197	00124
FP0729	00197	00119
FP1276	00199/00200	00108
FP1277	00199/00200	00108
FP1278	00199/00200	00108
FP1297	00199/00200	00108
FP1281	00199/00200	00108
FP1280	00199/00200	00108
FP1279	00199/00200	00108
FP1480	00196	00213
FP1494	00196	00213
FP1500	00196	00240
FP1506	00196	00240
FP1512	00196	00249
FP1510	00196	00215
FP1524	00197	00239
FP1530	00197	00231
FP1282	00199/00200	00108
FP1283	00199/00200	00108

18. AUTOMATIC DRAIN VALVE TO BE LOCATED BETWEEN OS&Y VALVE AND DELUGE VALVE. SEE ASCOA DRAWING (0295(1)-00125&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 WITH 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.

D136

REF. VENDOR DWG NO.

0295(2)-00822 FSP
0295(2)-00124 ESP
0295(2)-00119 DSP
0295(2)-00019 FSP

THIS DRAWING MUST BE WORKED WITH THE FOLLOWING DOCUMENTS:

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
21		INCORP. DCN 9604067.	VJM				
0-20	2-14-82	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

SOUTH TEXAS PROJECT
NUCLEAR OPERATING COMPANY

PRIORITY	RMSECM NO.	DOC.CTL.NO.	CADD FILE NO.
1	7Q279F05053*2	D070928	FJA567.211

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

SCALE	DWG. NO.	REV.
NONE	7Q279F05053*2	21

LR BOUNDARY DRAWING NO.	REV.
LR-STP-FP-7Q279F05053#2	0A