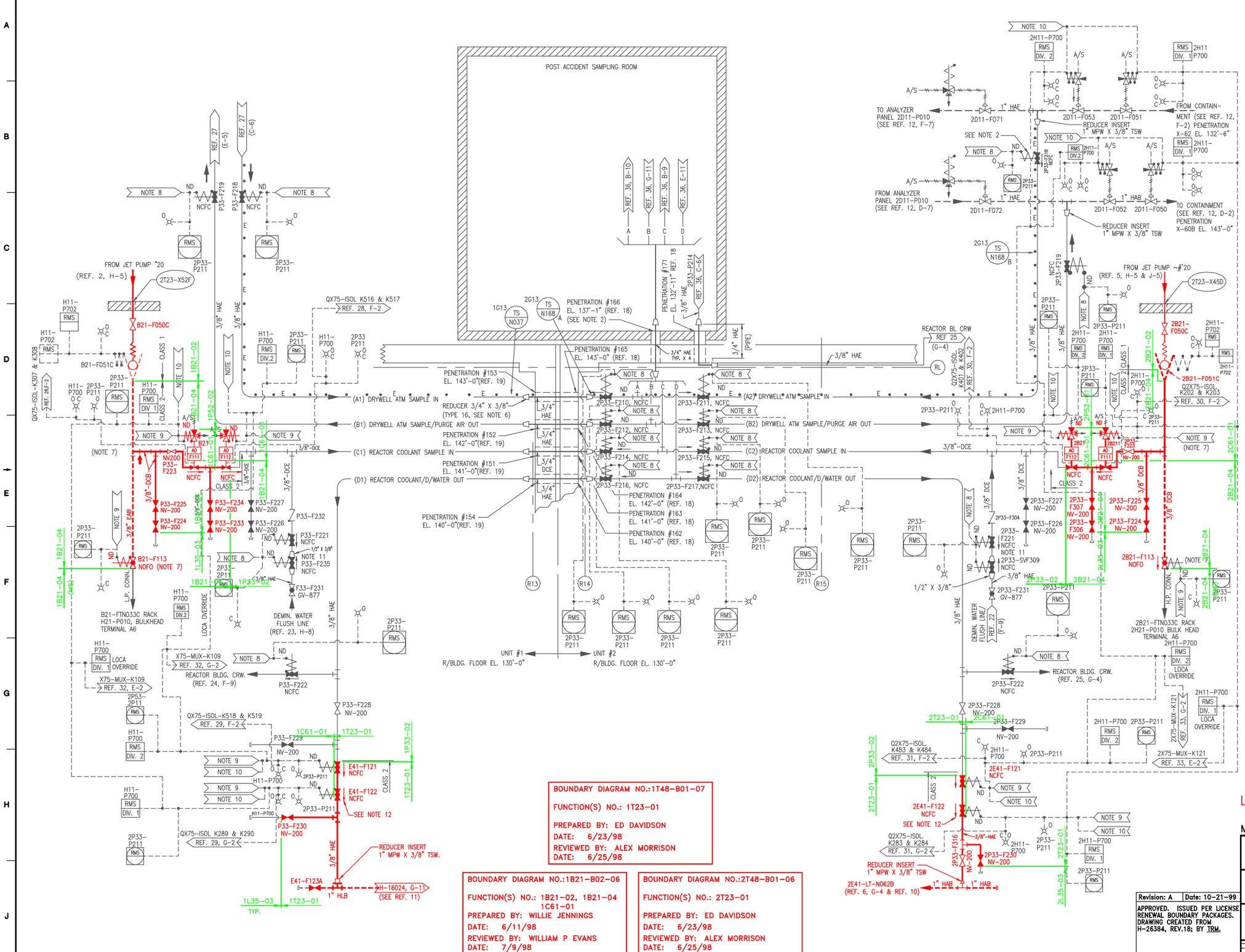

NOTES:

1. LINES/VALVES SHOWN IN DOTTED LINE ARE ALREADY EXISTING.
2. PENETRATION #166 HAS FOUR SEPARATE LINES ENTERING THE POST-ACCIDENT SAMPLING ROOM.
3. ALL VALVES SHOWN SHALL BE RADIATION RESISTANT.
4. VALVE TO BE INSTALLED CLOSE TO THE PANEL.
5. ALL TUBING TO BE 3/8" X .065 WALL SEAMLESS S.S. SA-213 GR. TP 316 OR 304.
6. PIPE TO TUBE WELD ADAPTERS TO BE CAJON SS-12-MPW-A-6TSW OR EQUAL.
7. TO BE INSTALLED CLOSE TO EXCESS FLOW CHECK VALVE.
8. COMPUTER INPUT TO SOLENOID VALVES.
9. COMPUTER INPUT TO SOLENOID VALVES WILL BE ISOLATED WITH CLASS IE ISOLATORS.
10. PRIMARY CONTAINMENT ISOLATION SIGNAL.
11. ALL SOLENOID VALVES EXCEPT 2P33-SVF309 HAVE OPEN & CLOSED POSITION INDICATION.
12. ARROW INDICATES FLOW DIRECTION STAMPED ON VALVE.
13. MATERIALS, FABRICATION AND INSTALLATION TO BE IN ACCORDANCE WITH E.I. HATCH UNIT #2 PIPING SPECIFICATION SS-2100-1.
14. ● ● E ● ● DENOTES ELECTRICAL HEAT TRACING.

REFERENCES:

REFERENCE	MPL. NO.	DWG. NO.
1. NUCLEAR BOILER SYSTEM P&ID SHEET 1	B21-1010	H-16062
2. NUCLEAR BOILER SYSTEM P&ID SHEET 2	B21-1010	H-16063
3. HPCI SYSTEM P&ID	E41-1010	H-16332
4. NUCLEAR BOILER SYSTEM P&ID SHEET 1	2B21-1010	H-26000
5. NUCLEAR BOILER SYSTEM P&ID SHEET 2	2B21-1010	H-26001
6. HPCI SYSTEM P&ID	2E41-1010	H-26020
7. SAMPLE LINE ROUTINGS REACTOR & RADIWASTE BUILDINGS PLAN EL. 158'-0"		H-16556
8. SAMPLE LINE ROUTINGS REACTOR & RADIWASTE BUILDINGS EL. 130'-0"		H-16554
9. SAMPLE LINE ROUTINGS, REACTOR & RADIWASTE BLDG., BELOW EL. 130'-0"		H-16553
10. INSTRUMENT INSTALLATION DRAWING		A-26412-080
11. INSTRUMENT INSTALLATION DRAWING		A-16237-081
12. FISSION PRODUCTS MONITORING P&ID		H-26016
13. SAMPLE LINE ROUTINGS REACT. BLDG. EL. 130'-0" RADIWASTE BLDG. EL. 132'-4"		H-26394
14. SAMPLE LINE ROUTINGS, REACTOR BLDG. BELOW EL. 130'-0"		H-26392
15. SAMPLE LINE ROUTINGS RADIWASTE BUILDING EL. 103'-0"		H-26393
16. DELETED		
17. HOT MACHINE SHOP FLOOR PLANT AT EL. 130'-0", ELEV. SECTIONS & DET.		H-25981
18. PENETRATIONS IN WALLS BELOW EL. 158'-0" AND FLOOR EL. 130'-0" REACTOR BLDG.		H-26303
19. PENETRATIONS IN WALLS BELOW EL. 158'-0" AND FLOOR EL. 130'-0" REACTOR BLDG.		H-16292
20. JET PUMP SHT. 2	H21-1010	S-17237
21. JET PUMP RACK	2H21-P010	S-23779
22. DEMINERALIZED WATER SYSTEM P&ID	2P21-1010	H-26047
23. REACTOR BUILDING DEMINERALIZED WATER SYSTEM DIAGRAM & P&ID	P21-1010	H-16015
24. REACTOR BUILDING FLOOR AND EQUIPMENT DRAINAGE DIAGRAM	T45-1020	H-16018
25. REACTOR BUILDING FLOOR, EQUIPMENT & ROOF DRAINAGE SYSTEM DIAGRAM	2T45-1010	H-26075
26. TUBING ARRANGEMENT INSIDE POST ACCIDENT SAMPLING ROOM		H-26408
27. FISSION PRODUCT MONITORING SYSTEM P&ID SHT. NO. 1		H-16173
28. PRIMARY CONTAINMENT ATMOSPHERE H_2O_2 ANALYZER SYSTEM P&ID SHT. NO. 1	P33-1010	H-16276
29. FLOW SCHEMATIC (CHEMICAL ANALYSIS CABINET 2P33-P214)		S-41394
30. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SH. 1 OF 15	2X75-1010	H-26163
31. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SH. 5 OF 15	2X75-1010	H-26167
32. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SH. 15 OF 15	X75-1010	H-16417
33. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SH. 15 OF 15	2X75-1010	H-26295
34. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SH. 5 OF 15	X75-1010	H-16407
35. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SH. 1 OF 15	X75-1010	H-16403
36. POST ACCIDENT SAMPLING SYSTEM P&ID	2P33-1010	H-28135

BOUNDARY DIAGRAM NO.:2B21-B02-06
FUNCTION(S) NO.: 2B21-02
PREPARED BY: WILLIE JENNINGS
DATE: 6/11/98
REVIEWED BY: WILLIAM P EVANS
DATE: 7/9/98

BOUNDARY DIAGRAM NO.:1T48-B01-07
FUNCTION(S) NO.: 1T23-01
PREPARED BY: ED DAVIDSON
DATE: 6/23/98
REVIEWED BY: ALEX MORRISON
DATE: 6/25/98

BOUNDARY DIAGRAM NO.:1B21-B02-06
FUNCTION(S) NO.: 1B21-02, 1B21-04 1C61-01
PREPARED BY: WILLIE JENNINGS
DATE: 6/11/98
REVIEWED BY: WILLIAM P EVANS
DATE: 7/9/98

BOUNDARY DIAGRAM NO.:2T48-B01-06
FUNCTION(S) NO.: 2T23-01
PREPARED BY: ED DAVIDSON
DATE: 6/23/98
REVIEWED BY: ALEX MORRISON
DATE: 6/25/98

LICENSE RENEWAL DOCUMENT

MPL NO. 1P33 & 2P33-1010 | ACAD14 | HL26384

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

Revision: A | Date: 10-21-99

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BY	CHK'D	APPR.1
TRM	RLM	ASK

EDWIN I. HATCH NUCLEAR PLANT UNIT No.1&2
POST ACCIDENT REACTOR COOLANT AND CONTAINMENT ATMOSPHERE SAMPLING SYSTEM P&ID.

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-26384	A
DATE	SCALE			
	None			