



PRIMARY CONTAINMENT

REACTOR PRESSURE VESSEL

- NOTES:
1. THE GE MPL NUMBER FOR THIS SYSTEM IS E11.
 2. FILLING LINE FROM CONDENSATE SYSTEM SHOULD BE CONNECTED TO HIGH POINT OF DISCHARGE PIPING.
 3. L.P.C.I. MODE OF OPERATION IS INITIATED BY HIGH DRYWELL PRESSURE (PS-11011A, B, C, D) CO-INCIDENT WITH LOW REACTOR PRESSURE (PS-11021A, B, C, D) OR REACTOR OR REACTOR LOW LEVEL (LIS-11031A, B, C, D).
 4. L.P.C.I. = LOW PRESSURE COOLANT INJECTION.
 5. FOR INTERLOCKING REQUIREMENTS & AUTO VALVE ACTUATION SEE GE FUNCTIONAL CONTROL DIAGRAM REF. 1.
 6. TABLE 'A' LIST THE SWITCHES WHICH ARE INVOLVED IN REMOTE SHUTDOWN. ONLY THE CONTROL ROOM SWITCHES ARE SHOWN ON THE DRAWING. REFER TO TABLE 'A' FOR REMOTE PANEL SWITCHES AND SELECTOR SWITCHES.
 7. M.O.V. TEST FUNCTION IS SHOWN ON ELEMENTARY DIAGRAM SHEET 1 AND FCB TEST SWITCHES MOUNTED ON PANEL 1C601.
 8. NOTE REMOVED.
 9. ALL FLOODING DETECTOR LEVEL SWITCHES ARE SEISMICALLY QUALIFIED.
 10. THE PORTION OF THE PIPE DESIGNATED WITH AN ARROW IS SEISMICALLY ANALYZED.
 11. ALARM 15101A IS ENERGIZED BY TE-11004A, B ONLY.
 12. VALVES 1F010A AND 1F010B SHALL BE PERMANENTLY CLOSED/POWER DISCONNECTED UNLESS REACTOR IS IN LOW COOL SHUTDOWN CONDITION. HOWEVER, ONE VALVE CAN BE TEMPORARILY ENERGIZED AND OPENED PROVIDED THE OTHER VALVE REMAINS DEENERGIZED AND CLOSED FOR PURPOSES OF SYSTEM FLUSHING.
 13. INSTALL HV-1F040 IN REVERSE DIRECTION FLOW TO BE OVER SEAT.
 14. REFER TO J-141 FOR ISOLATION SIGNALS.
 15. HANDWHEEL OF HV-151-F122A HAS BEEN REMOVED TO PREVENT POSSIBLE OVERRIDE OF PRIMARY CONTAINMENT ISOLATION SIGNALS.
 16. TE-11002A/B-STD'S ARE NOT DYNAMICALLY QUALIFIED FOR THESE LOCATIONS.
 17. NOTE REMOVED.
 18. SUS REPLACED BY RING SPACERS.
 19. LINE 1" HBD-546 IS SHOWN ON ISOMETRIC DNG. SP HBD-547-1.
 20. THE RHR STEAM CONDENSING MODE HAS BEEN ISOLATED BY DCP 86-7033. PIPING AND VALVES HAVE BEEN ABANDONED IN THE FIELD.
 21. THESE COMPONENTS ARE FUNCTIONALLY DISABLED.
 22. TWO NOZZLES PLUGGED, REFERENCE BECHTEL NCR 6846.
 23. NOTE REMOVED.
 24. SEE DWG. C-290 SHT. 1 DETAIL 4 AND SPJBD1099-1 SH. 1 FOR RHR HEAD SPRAY TEST PIPING.
 25. PSV REMOVED AND REPLACED WITH A BLIND FLANGE ASSEMBLY, REFERENCE DETAIL 'A' ON GBB105-1 AND GBB105-5.
 26. PSV VALVE (PSV151-F097) REMOVED AND REPLACED WITH A BLIND FLANGE ASSEMBLY, REFERENCE DETAIL 'A' ON HBB113-3.
 27. VENT LINE FROM VALVE BONNET STUFFING BOX TO PENETRATION THIS IS CONTAINMENT BOUNDARY PIPING.

21	M-152	E106257
20	M-149	E106254
19	M-126	E106231
18	M-162	E106267
17	M1-B21-98	
16		(791E418AE)
14	M-150	E106255
13	M-143	E106248
12	M-142	E106247
11	M-123	E106228
10	M-111	E106216
9	M-108	E106213
8	M-112	E106217
7	M-153	E106258
6	M-100	E106205

4		(22A444D)
3	M1-B21-8	(761E279AE)
2	M1-672-2	(729E611AE)
1	M1-E11-51	(729E63D)
REF NO	AE DRAWING NO.	PPL DRAWING NO. (GE NO.)

57	INCORP. IDCN 32, DCP 556794	DRAWING APPROVAL ATTACHED TO NIMS MEDIA AS 'APPROVAL HISTORY'
REV	DESCRIPTION	APPROVED

REV	SUSQUEHANNA S. E. S.				
	UNIT 1				
	P&ID				
	RESIDUAL HEAT REMOVAL				
AREA	N/A	ELEV	N/A	SCALE	NDNE
PPL CORP.					
PPL DRAWING NO.		SHEET NO.		REV. NO.	
E106256		1 OF 5		57	
AE DRAWING NO.		SHEET NO.			
M-151		1 OF 5			

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