MPL No. 1E21 1015M | M-1087

CONTAINMENT

DRYWELL

REACTOR VESSEL

SUPPRESSION POOL

AUXILIARY BLD'G.

SUCTION STRAINERS

ELEVATION 108'-4" TERMINATION OF PIPE

Z102-20

TO SUPPRESSION POOL TWO LINE SMALL TERMINATE AT 107'-0" INSIDE SUPPRESSION POOL FOR WATER SEAL

TO LEAK DETECTION SYSTEM

FROM LPCS CONTROL SYSTEM

MINIMAL DISTANCE

TEST CONN.

LPCS JOCKEY PUMP

LPCS PUMP

TO RHR SYSTEM FLUSHING LINE

FROM FUEL POOL COOLING & CLEANUP SYSTEM

TO LPCS CONTROL SYSTEM

INSTRUMENT CONN TO SUPPR. POOL LEVEL TRANSMITTER

SEAL VENT

SUCTION VENT

TO AUTOMATIC DEPRESSURIZATION SYSTEM LOGIC

SHAFT SEAL DRAIN

OTHER SYS. THIS P&ID: P11, E12 E31, Z102-20 & F21

NOTES:

1. THE EQUIPMENT SHOWN IN THIS DRAWING IS PREFIXED BY G1E21.
2. DELETED.
3. ACTUAL NUMBER AND LOCATION OF HIGH POINT VENTS AND LOW POINT DRAINS WILL BE SHOWN AFTER FINALIZATION OF PIPE ROUTING.
4. THIS P&ID REDRAWN FROM G.E. P&ID NO. 105D4796BA-REV-2 LOW PRESSURE CORE SPRAY SYSTEM.
5. ALL INSTRUMENTS SHOWN ON THIS DRAWING ARE PREFIXED BY E21 UNLESS OTHERWISE NOTED.
6. ALLOW ADEQUATE PIPING SURFACE AREA FOR COOLING OF PUMP CODE.
7. VALVES F005, F006, AND F007 ARE 600 LB., CARBON STEEL, CLASS 1 VALVES (EBA).
8. ALL PIPING 2" AND SMALLER IS CLASSIFIED AS III-B RADIATION LEVEL UNLESS OTHERWISE NOTED.
9. BLIND PORTION OF SPECTACLE FLANGE SHALL BE INSTALLED ONLY DURING PLANT OPERATION.
10. ALL START-UP STRAINERS SHALL BE REPLACED BY RING SPACERS IN ACCORDANCE WITH THE LATEST REVISION OF 9645-M5-03 GENERAL NOTE 17.
11. FOR PENETRATION MATERIAL & DETAILS SEE DRAWING 9645-C-1004.
12. VALVE PSVF031 SHALL BE INSTALLED ABOVE THE SUPPRESSION POOL WATER LEVEL ELEVATION OF 111'-10".
13. ROUTE TO THE NEAREST PLATFORM AND LOCATE VALVES SUCH THAT AN OPERATOR CAN REACH THE VALVES FROM THE PLATFORM. LOCATE OPEN FUNNEL SUCH THAT THE OPERATOR CAN SEE INTO THE FUNNEL FROM THE VALVE LOCATION.
14. TESTABLE FLANGES WITH DOUBLE O-RINGS SHALL BE PROVIDED. TEST TAPS SHALL BE IN ACCORD WITH SDM-2080

NOTES (CONTINUED)

15. FIELD TO REPLACE SPECTACLE BLIND G1E21-D007 WITH RING SPACER G1E21-S503 AFTER HYDRO TESTING AND PRIOR TO SYSTEM OPERATION IN ACCORDANCE WITH THE LATEST REVISION OF 9645-M5-03.

PRC APERTURE CARD

A	5/6/74	INCORP DCM # 15	AMC	MAL	FL		
A	5/7/74	INCORP DCM # 16 & 17	AMC	MAL	RC		
A	5/6/74	INCORP DCM # 15	AMC	MAL	FL		
A	7/1/74	ISSUED FOR CONSTRUCTION	R.YOUNG				

DRAWN MOME 3-8-73 CHECKED JWP APPROVED ACG

BECHTEL
GAITHERSBURG, MARYLAND

MISSISSIPPI POWER & LIGHT COMPANY
GULFSIDE BUILDING
SUITE 182

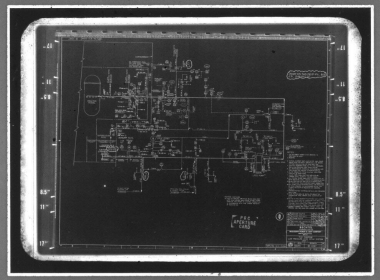
P & I DIAGRAM
LOW PRESSURE CORE SPRAY SYSTEM
UNIT 1

JOB No.	DRAWING No.	REV.
9645	M-1087	13

1 30x46 1ST SHT

RIDS

8203250433



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