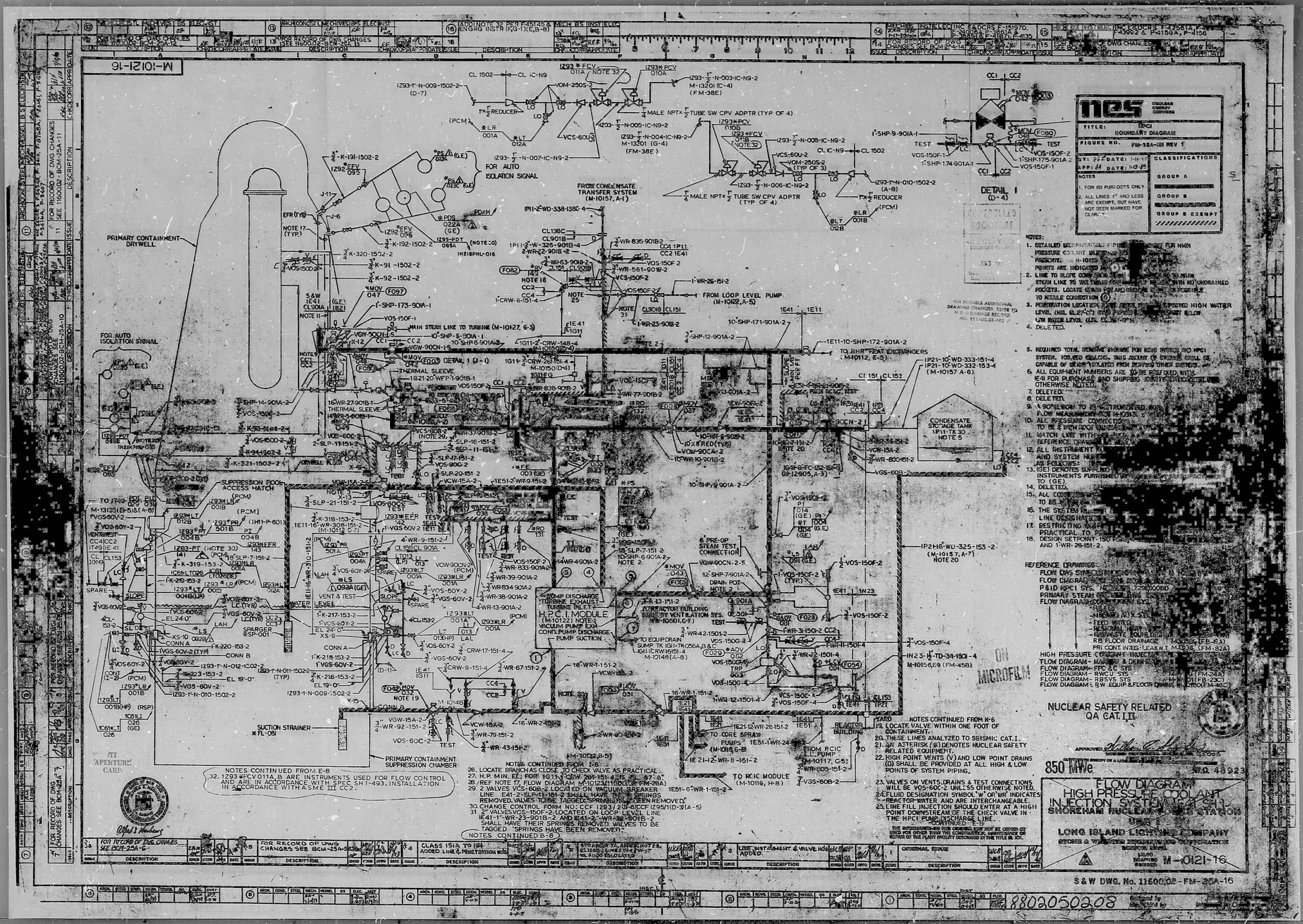
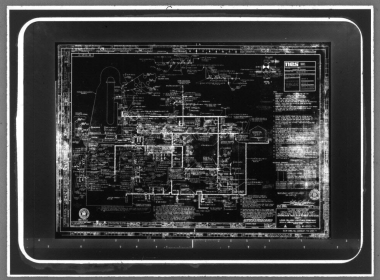

M-10121-16
PRIMARY CONTAINMENT DRYWELL
FOR AUTO ISOLATION SIGNAL
FROM CONDENSATE TRANSFER SYSTEM (M-10157, A-1)
FROM LOOP LEVEL PUMP (M-10122, A-5)
MAIN STEAM LINE TO TURBINE (M-10127, G-3)
TO RHR HEAT EXCHANGERS (M-10112, E-5)
CONDENSATE STORAGE TANK 1P11-TK30 (NOTE 5)
SUPPRESSION POOL ACCESS HATCH
SUCTION STRAINER
PRIMARY CONTAINMENT SUPPRESSION CHAMBER
H.P.C.I. MODULE (M-10122)
TO CORE SPRAY PUMPS (M-10116, G-8)
TO RCIC MODULE (M-10116, H-8)
REACTOR BUILDING
DETAIL I (D-4)
nes
TITLE: HPCI
BOUNDARY DIAGRAM
FIGURE NO. FM-25A-121 REV 1
CLASSIFICATIONS
GROUP A
GROUP B
GROUP B EXEMPT
NOTES:
1. DETAILED BOUNDARY DIAGRAM FOR HIGH PRESSURE COOLANT INJECTION (HPCI) SYSTEM.
2. LINE TO SLOPE DOWN FROM MAIN STEAM LINE TO WET TRAP WITH NO UNDRAINED POCKETS.
3. PENETRATION LOCATION ABOVE EXPECTED HIGH WATER LEVEL (NEL EL. 27'-0") AND BELOW LOW WATER LEVEL (LEL EL. 5'-0").
4. DELETED.
5. REQUIRED TOTAL DYNAMIC STORAGE FOR RCIC SYSTEM AND HPCI SYSTEM, 100,000 GALLONS. THIS AMOUNT OF STORAGE SHALL BE CAPABLE OF BEING ISOLATED FROM SERVING OTHER SYSTEMS.
6. ALL EQUIPMENT NUMBERS ARE TO BE PREFIXED WITH 1E41 FOR PURCHASE AND SHIPPING IDENTIFICATION UNLESS OTHERWISE NOTED.
7. DELETED.
8. DELETED.
9. A SOCKOLET TO BE INSTRUMENTED FOR FLOW MEASUREMENT ON M-10121.
10. ALL PRESSURE CONNECTIONS TO BE 3 WITH ROOT VALVES.
11. MATCH LINE WITH REFERENCE DRAWING.
12. ALL INSTRUMENT AND SYSTEM AS FOLLOWS:
13. (GE) DENOTES SUPPLIED INSTRUMENTS FURNISHED TO (GE).
14. DELETED.
15. ALL TO BE
16. THE SYSTEM LINE
17. RESTRICTING PRACTICAL TO
18. DESIGN SETPOINT AND 1-WR-26-151-2.
REFERENCE DRAWINGS:
FLOW DIAGRAM
FLOW DIAGRAM
P&ID HPCI SYS.
PRIMARY STEAM
FLOW DIAGRAM
HIGH PRESSURE
FLOW DIAGRAM - MAIN & DRAIN
FLOW DIAGRAM - FPC & C SYS
FLOW DIAGRAM - RWCU SYS
FLOW DIAGRAM - RBSVS SYS
FLOW DIAGRAM - R.W. EQUIP & FLOOR DRAINS
NUCLEAR SAFETY RELATED
QA CAT. I,II
850 MWe
W.O. 48923
FLOW DIAGRAM
HIGH PRESSURE COOLANT INJECTION SYSTEM
SHOREHAM NUCLEAR POWER STATION
UNIT 1
LONG ISLAND LIGHTING COMPANY
STONE & WEBSTER ENGINEERING CORPORATION
BOSTON, MASS.
M-0121-16
S&W DWG. No. 11600.02-FM-25A-16
ON MICROFILM
8802050208

PDR RIDS

8802050208



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