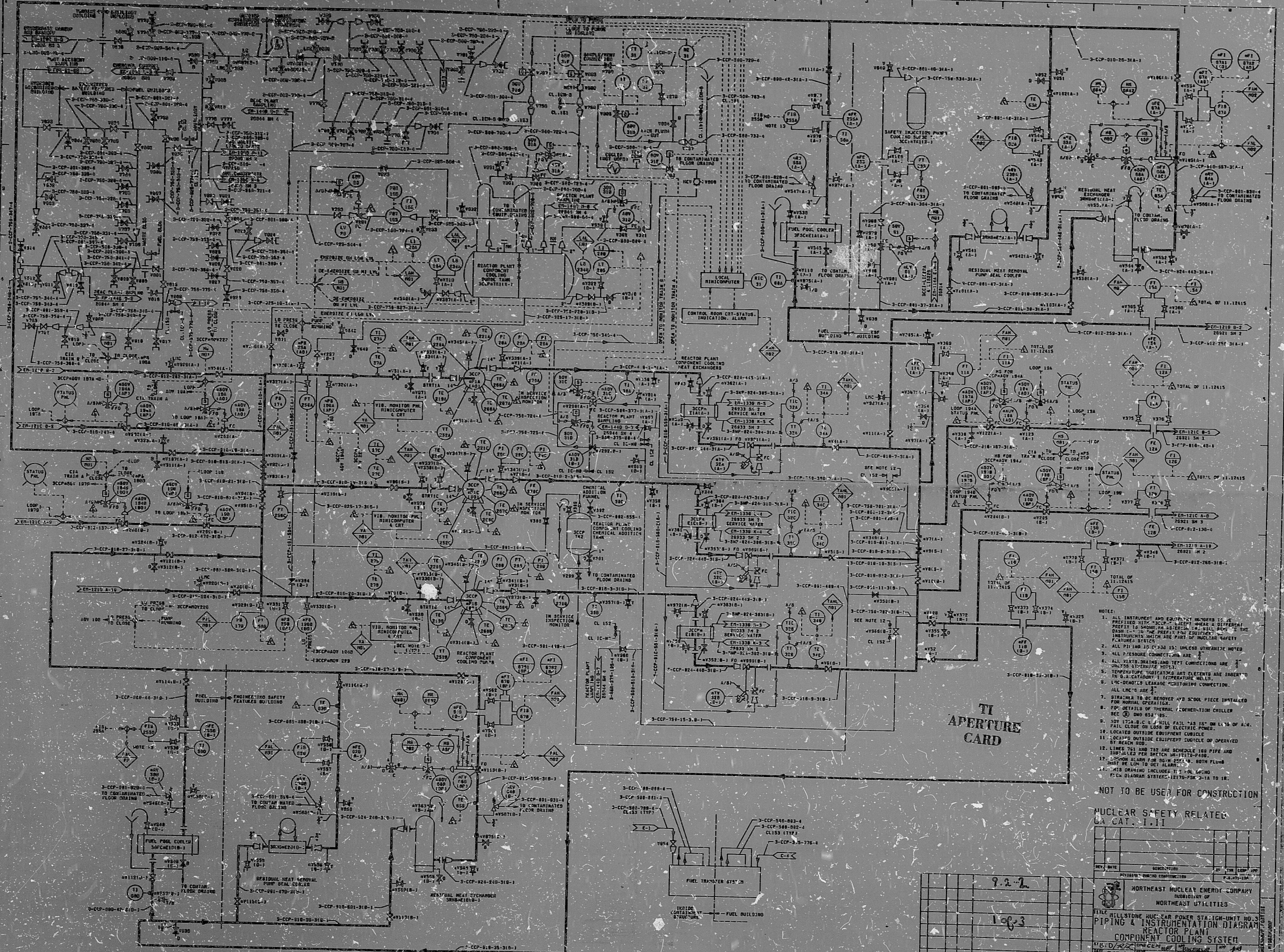


12179-EH-121A-1



- NOTES:
1. ALL INSTRUMENT AND EQUIPMENT NUMBERS SHALL BE PREVIEWED WITH "CCP" PREFIX AND A DISCREET DASH "-" IN THE PREFIX FOR EQUIPMENT TO BE THE INSTRUMENTED PART OF THE NUCLEAR SAFETY FEATURES SYSTEM.
 2. ALL PIPING SHALL BE 1/2" OR 3/4" UNLESS OTHERWISE NOTED.
 3. ALL PRESSURE CONNECTIONS ARE 1/2" UNLESS OTHERWISE NOTED.
 4. ALL SIZES DRAINING AND TEST CONNECTIONS ARE 1/2" UNLESS OTHERWISE NOTED.
 5. TEMPERATURE INDICATORS AND ELEMENTS ARE INSTALLED IN ACCORDANCE WITH INSTRUMENTATION.
 6. LVC-DETECTED LEAKAGE - CONTINUOUS CONNECTION.
 7. ALL LVC'S ARE 1/2" UNLESS OTHERWISE NOTED.
 8. STRAINERS TO BE REMOVED AND 8" O.D. PIECE INSTALLED FOR NORMAL OPERATIONAL.
 9. PIPING DETAILS OF THERMAL EXPANSION LINES OF 8" O.D. AND 8" V.S.
 10. 30% I.T.C.A.C. 1/2" HILL PAIL "AS IS" ON LINES OF AIR, FALL ABOVE OR LEAKS TO ELECTRIC POWER.
 11. LOCATED OUTSIDE EQUIPMENT CIRCLES.
 12. LOCATED OUTSIDE EQUIPMENT CIRCLES OF OPERATED BY REACTOR HALL.
 13. LINES 781 AND 782 ARE SCHEDULE 80 PIPE AND 1/2" DIA. PER SECTION INSTRUMENTATION.
 14. COMMON ALARM FOR BOTH SYSTEMS, BOTH FLOWS MUST BE LOW TO GET ALARM.
 15. THIS DRAWING INCLUDES THE P&ID AND P&ID DIAGRAM SYSTEMS 12179-FM-2-1A TO 1E.

TI APERTURE CARD

NOT TO BE USED FOR CONSTRUCTION

NUCLEAR SAFETY RELATED
GA CAT. 1.1

REV.	DATE	DESCRIPTION	BY	CHKD	APPD
1	10/22/82	ISSUED FOR CONSTRUCTION

NORTHEAST NUCLEAR ENERGY COMPANY
MEMBER OF
NORTHEAST UTILITIES

FILE # 12179-EH-121A-1
TITLE: HILLSTONE NUCLEAR POWER STA. IGM-UNIT NO. 3
PIPING & INSTRUMENTATION DIAGRAM
REACTOR PLANT
COMPONENT COOLING SYSTEM

12179-EH-121A-1
REV. 10/22/82
DATE 10/22/82
SCALE NONE
P.A. 911-158
25212-28521 SM 1 UP 3

STONE & WEBSTER ENGINEERING CONSULTANTS
2000 W. 10TH ST., SUITE 100
DENVER, CO. 80202

S&W DWG NO 12179-EH-121A-1
DRAWN BY: G.T. HARRIS
CHECKED BY: R.J. LAM

THE INFORMATION ON THIS DRAWING MAY NOT BE COPIED OR USED FOR ANY OTHER THAN THE ORIGINAL PURPOSE DESCRIBED IN THE TITLE BLOCK.

PDR RIDS

8406020160

