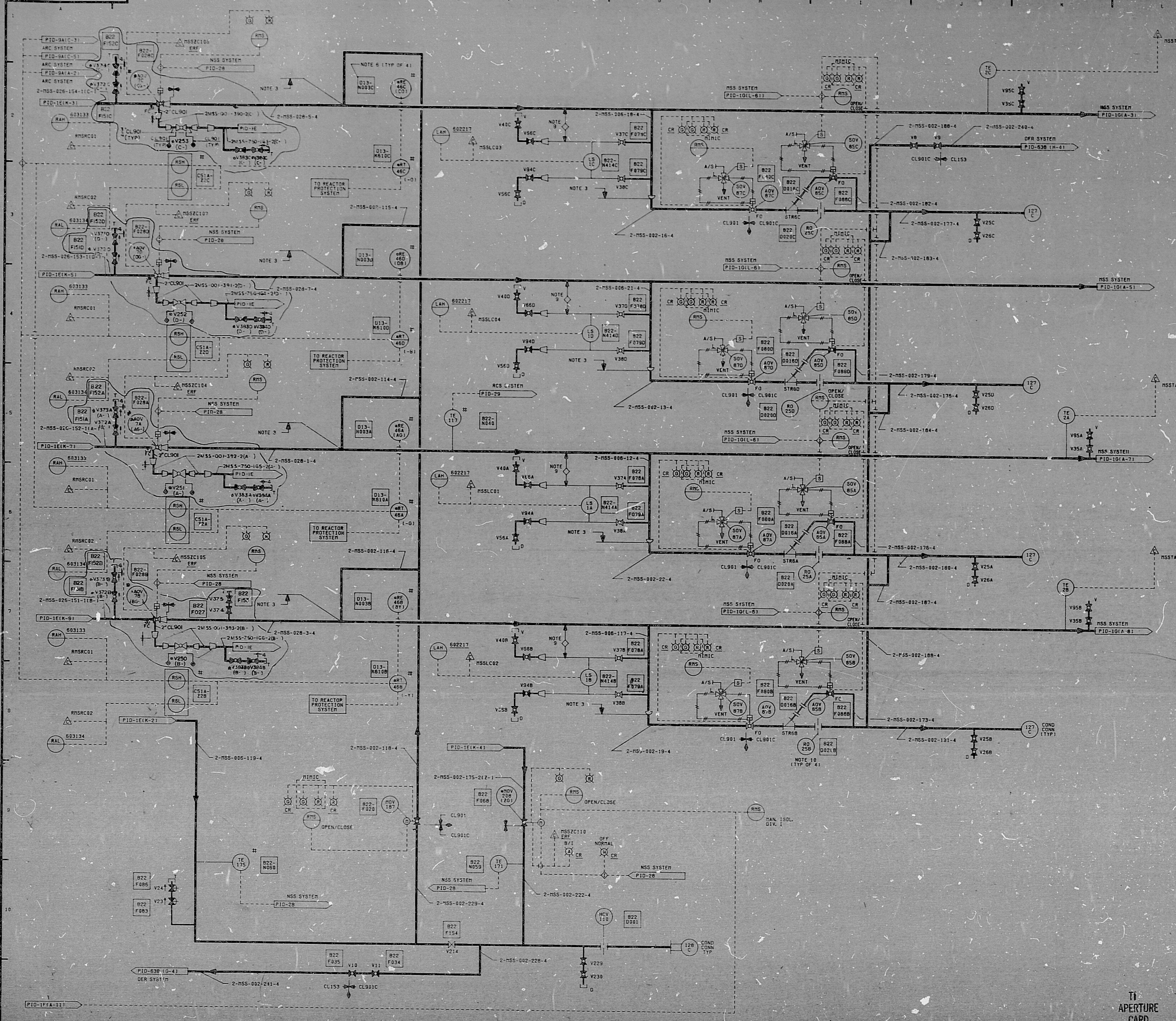
12177-PID-1E-4



MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
AOV85A,B,C,D AOV87A,B,C,D	VOS080-M-4Q	2"	8
AOV7A,B,C,D	BY GE	26"	4
MOV187	VOS150-F-4Q	2"	1
MOV208	VOS150-B-1Q	2"	1
V8,9,10,11	VOS150-B-4	2"	4
V23,24	VS3150-A-4E	3/4"	2
V25A,B,C,D,229 V26A,B,C,D,230	VOS150-B-4	3/4"	10
V35A,B,C, V40A,B,C,D V56A,B,C,D V66A,B,C,D V94A,B,C,D V95A,B,C,	VOS150-F-4	3/4"	22
V37A,B,C,D V38A,B,C,D	VOS150-F-4	1"	8
V214	VOW060-W-4	6"	1
V250, 251, 252, 253	VOW150-K-2N	3/4	4
V383A,B,C,D V384A,B,C,D V372A,B,C,D V373A,B,C,D V374, 375	VOS150-F-2	3/4	18

NOTES:
1. ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "2MSS-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF THE NUCLEAR SAFETY FEATURES SYSTEMS.
2. GENERAL ELECTRIC IDENTIFICATION NUMBERS ARE SHOWN IN SQUARES.
3. LIMIT OF QA CAT I NON NUCLEAR SAFETY RELATED SYSTEM PORTION. SEE SPEC NMP2-P301A APPENDIX 1 FOR DETAILED REQUIREMENTS.
4. ALL VENTS AND DRAINS ARE 3/4" UNLESS OTHERWISE NOTED.
5. ALL PIPING SHALL BE CLASS 901 EXCEPT WHERE OTHERWISE SHOWN.
6. FOR DESCRIPTION OF RADIATION MONITORING SYSTEM AND LOCATION TO PROBES REFER TO GE-NESD NOTES 22A 1486 REV 2 PROCESS RADIATION MONITORING SYSTEM.
7. ◆ DENOTES DISSIMILAR METAL WELD.
8. ▪ DENOTES SUPPLIED BY GE-NED.
9. ◇ DENOTES MINIMUM DISTANCE TO BOTTOM OF PIPE FOR INSTALLATION (LATER).
10. ORIFICE TO BE LOCATED AS CLOSE TO DRAIN POT AS POSSIBLE. IN NO CASE SHALL THIS PIPE RUN EXCEED 12 FEET.

THIS DRAWING CREATED ELECTRONICALLY

DOCUMENT USER: CONSULT DCIS TO OBTAIN LATEST APPLICABLE DOCUMENT INFORMATION.

RECEIVED J.O. NO. 12177 JUN 23 '87 STONE & WEBSTER ENG. CORP. CONTROL LEVEL

QA CAT I NUCLEAR SAFETY RELATED
QA CAT I NON NUCLEAR SAFETY RELATED
QA CAT II

TI APERTURE CARD

PIPING & INSTRUMENTATION DIAGRAM MAIN STEAM

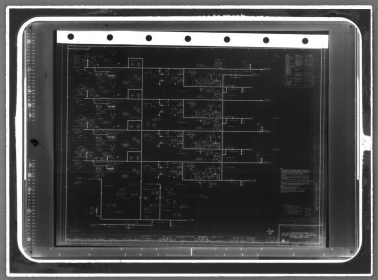
NINE MILE POINT NUCLEAR STATION-UNIT 2
NIAGARA MOHAWK POWER CORPORATION
STONE & WEBSTER ENGINEERING CORPORATION CHERRY HILL, N.J.

DRAWING NUMBER 12177-PID-1E-4

ISSUE	DESCRIPTION
4	INCORPORATES ECN NOS MSS-G21, G24, G19, G22, 060 (MOD NO. PN2Y86MX204)
3	AS-TESTED ISSUE INCORPORATES ECN NO'S MSS-048-055, 401-404, 580-585, 601-605; SVV-005
2	INCORPORATES ECN NO'S. MSS-065
1	ORIGINAL ISSUE INCORPORATES ECN'S MSS-001 TO 044 SVV-001 TO 004

PDR RIDS

8709170375



MMM 5824 FILMSORT® Brand Aperture & Camera Cards and DUPLICARD® Brand Copy Cards – Product of 3M, St. Paul, Minn.