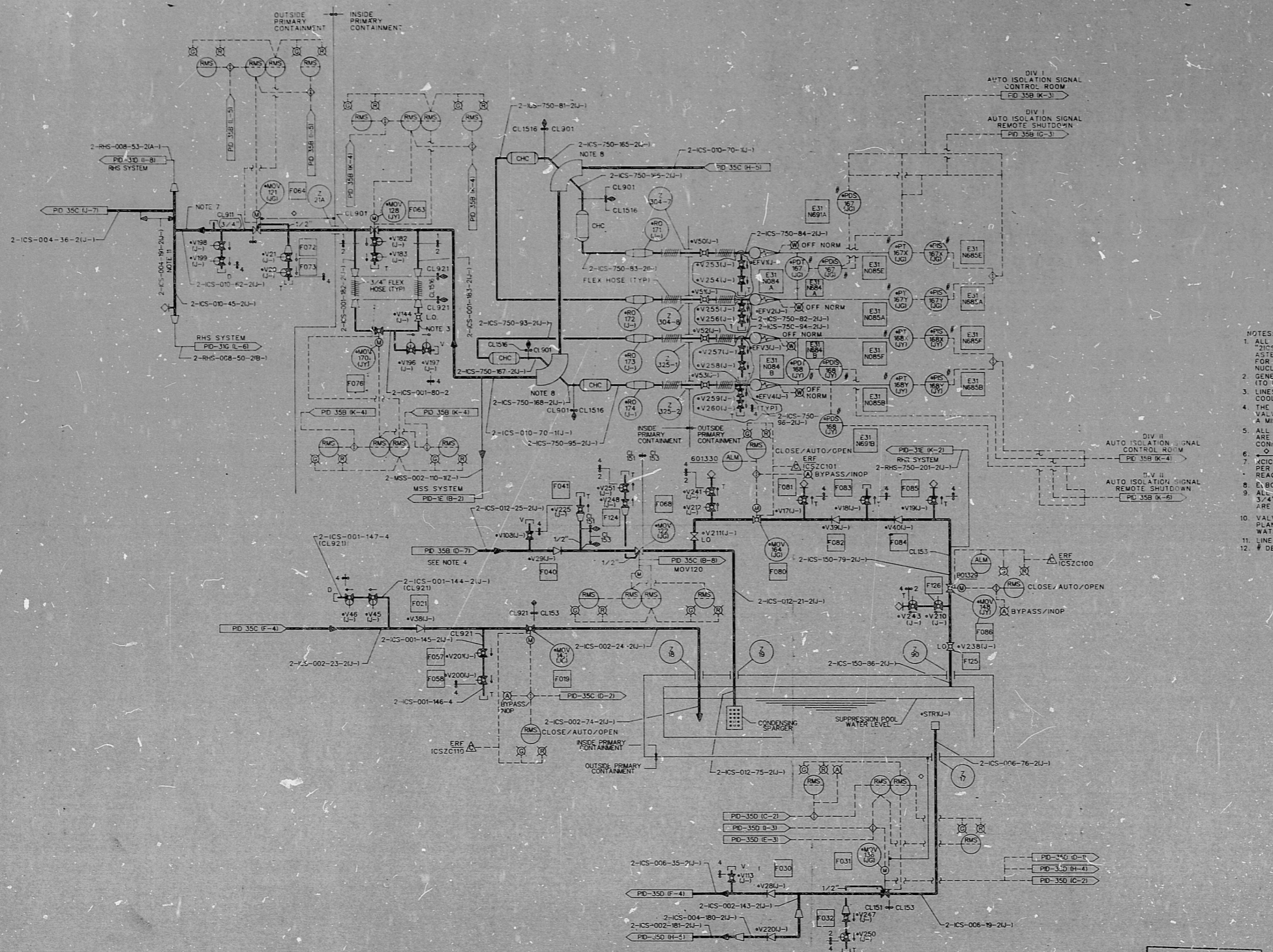


MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
MOV101	VCS500-7-2U	8"	1
MOV102	VCS500-8-2U	8"	1
MOV103	VCS500-9-2U	8"	1
MOV104	VCS500-10-2U	8"	1
MOV105	VCS500-11-2U	8"	1
MOV106	VCS500-12-2U	8"	1
MOV107	VCS500-13-2U	8"	1
MOV108	VCS500-14-2U	8"	1
MOV109	VCS500-15-2U	8"	1
MOV110	VCS500-16-2U	8"	1
MOV111	VCS500-17-2U	8"	1
MOV112	VCS500-18-2U	8"	1
MOV113	VCS500-19-2U	8"	1
MOV114	VCS500-20-2U	8"	1
MOV115	VCS500-21-2U	8"	1
MOV116	VCS500-22-2U	8"	1
MOV117	VCS500-23-2U	8"	1
MOV118	VCS500-24-2U	8"	1
MOV119	VCS500-25-2U	8"	1
MOV120	VCS500-26-2U	8"	1
MOV121	VCS500-27-2U	8"	1
MOV122	VCS500-28-2U	8"	1
MOV123	VCS500-29-2U	8"	1
MOV124	VCS500-30-2U	8"	1
MOV125	VCS500-31-2U	8"	1
MOV126	VCS500-32-2U	8"	1
MOV127	VCS500-33-2U	8"	1
MOV128	VCS500-34-2U	8"	1
MOV129	VCS500-35-2U	8"	1
MOV130	VCS500-36-2U	8"	1
MOV131	VCS500-37-2U	8"	1
MOV132	VCS500-38-2U	8"	1
MOV133	VCS500-39-2U	8"	1
MOV134	VCS500-40-2U	8"	1
MOV135	VCS500-41-2U	8"	1
MOV136	VCS500-42-2U	8"	1
MOV137	VCS500-43-2U	8"	1
MOV138	VCS500-44-2U	8"	1
MOV139	VCS500-45-2U	8"	1
MOV140	VCS500-46-2U	8"	1
MOV141	VCS500-47-2U	8"	1
MOV142	VCS500-48-2U	8"	1
MOV143	VCS500-49-2U	8"	1
MOV144	VCS500-50-2U	8"	1
MOV145	VCS500-51-2U	8"	1
MOV146	VCS500-52-2U	8"	1
MOV147	VCS500-53-2U	8"	1
MOV148	VCS500-54-2U	8"	1
MOV149	VCS500-55-2U	8"	1
MOV150	VCS500-56-2U	8"	1
MOV151	VCS500-57-2U	8"	1
MOV152	VCS500-58-2U	8"	1
MOV153	VCS500-59-2U	8"	1
MOV154	VCS500-60-2U	8"	1



- NOTES:
1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "2-ICS" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE PREFIX FOR INSTRUMENTS WHICH ARE A PART OF THE NUCLEAR SAFETY FEATURES SYSTEM.
 2. GENERAL ELECTRIC IDENTIFICATION NUMBERS SHOWN IN SQUARES (TO BE PREFIXED BY ESI UNLESS OTHERWISE PREFIXED).
 3. LINES ONE INCH AND SMALLER WHICH ARE PART OF THE REACTOR COOLANT PRESSURE BOUNDARY SHALL BE SAFETY CLASS 2.
 4. THE LENGTH OF PIPE FROM THE DOWNSTREAM SIDE OF THE CHECK VALVE TO THE SUPPRESSION POOL SHOULD BE SLOPED DOWN A MINIMUM OF 1/8" PER FOOT OF THE HORIZONTAL PIPE RUNS.
 5. ALL LOCAL PRESS AND TEST CONNECTIONS, DRAWS AND FLOW TAPS ARE 3/4" LEVEL SWITCH CONN ARE 1" INCH. AND TEMPERATURE CONNECTIONS ARE 1/4" SOCKETETS UNLESS OTHERWISE NOTED.
 6. *--* INDICATES TO LOCATE AS CLOSE AS POSSIBLE FOR INSTALLATION.
 7. ICIC (IC) STEAM LINE REQUIRES DOWN SLOPING OF AT LEAST 1/8" PER FOOT OF HORIZONTAL PIPE RUNS TO DRAIN POIS. EDI FROM REACTOR AND FROM EDI TO ICIC TURB.
 8. BLOW TAP SHALL BE LOCATED IN HORIZONTAL RUN OF PIPE.
 9. ALL INSTRUMENT LINES INSIDE THE PRIMARY CONTAINMENT ARE TO BE 3/4" CLASS 1516. INSTRUMENT LINES OUTSIDE PRIMARY CONTAINMENT ARE 3/4" CLASS 1502 UNLESS OTHERWISE NOTED.
 10. VALVE POSITIONS ARE SHOWN FOR NORMAL OPERATION OF THE PLANT. THE SYSTEM IS ON STANDBY, READY TO START ON REACTOR WATER LOW LEVEL.
 11. LINE 2-ICS-004-191-2 IS CL921 SCH 160 PIPING.
 12. # DENOTES EQUIPMENT SUPPLIED BY GE-NEO.

DOCUMENT USER CONSULT DCIS TO OBTAIN LATEST APPLICABLE DOCUMENT INFORMATION.

NUCLEAR SAFETY RELATED QA CAT I, II

PIPING & INSTRUMENTATION DIAGRAM
 REACTOR CORE ISOLATION COOLING
 MHE MILE POINT NUCLEAR STATION-UNIT 2
 NIAGARA MOHAWK POWER CORPORATION
 STONE & WEBSTER ENGINEERING CORPORATION
 CHEEY, N.Y.

NO.	DESCRIPTION	DATE	BY	CHECKED	REVISIONS	APPROVED	REVISIONS
1	ISSUED	12/77	[Signature]	[Signature]		[Signature]	
2	INCORPORATES EGM NO'S ICS-508,807,...						
3	AS TESTED ISSUE INCORPORATES EGM NO'S ICS-034,034,038,014,014, 200-54,013-005						

PDR RIDS

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