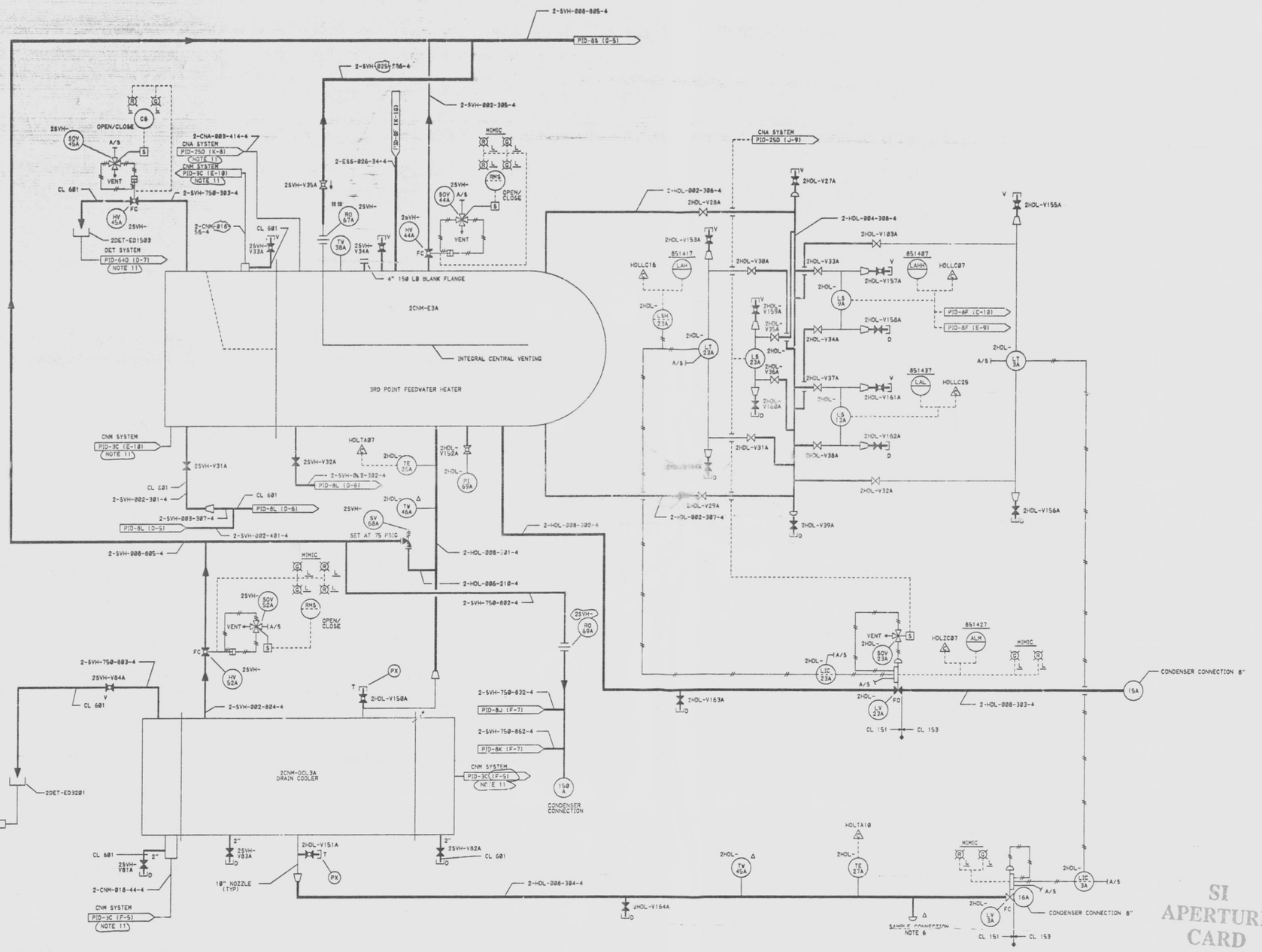
12177-PID-8H-5



L.P. FEEDWATER HEATER DRAINS SYSTEM
VALVE TABLE "2HOL-"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
V27A,150A,151A, V152A,153A,155A, V157A,159A,161A	VG5068-D-4	3/4"	9
V28A,29A,38A, V31A,32A,103A	VG5068-C-4	2"	6
V33A,34A,35A, V36A,37A,38A	VG5068-C-4	1"	6
V39A,154A,156A, V158A,160A,162A V163A,164A	VG5068-C-4	3/4"	8

FEEDWATER HEATER RELIEF,VENTS & DRAINS
SYSTEM VALVE TABLE "7SVH-"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
HV44A,52A	VG5015-C-4Q	2"	2
HV45A	VG5068-C-4Q	3/4"	1
V31A,32A,81A, V82A,83A	VG5068-C-4	2"	5
V33A,34A,84A	VG5068-D-4	3/4"	3
V35A	VGV030-C-4K	2-1/2"	1

NOTES:
1. ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "2ESS-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
2. Δ CONNECTIONS ONLY PROVIDED FOR ASME TEST. INSTRUMENTS WILL NOT BE PROVIDED.
3. ALL "2HOL-" PIPING SHALL BE CLASS 151 UNLESS OTHERWISE SHOWN.
4. ALL PIPING TO LEVEL SWITCHES IS 1", TO LEVEL TRANSMITTERS IS 2".
5. ALL VENTS AND DRAINS ARE 3/4" UNLESS OTHERWISE SHOWN.
6. SAMPLE CONNECTIONS PER S&W SKETCH 12177-A-77.
7. ALL "2SVH-" PIPING SHALL BE CLASS 301 UNLESS OTHERWISE SHOWN.
8. ALL HV'S ARE FAIL CLOSED.
9. ALL PRESSURE CONNECTIONS ARE 3/4".
10. ## TO BE SUPPLIED BY HEATER MANUFACTURER.
11. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.

THIS DRAWING CREATED ELECTRONICALLY

SI APERTURE CARD

07-141-91

QA CAT II

ISSUE	DESCRIPTION	CHKD	CORRECT	ISSUE	DESCRIPTION	CHKD	CORRECT	ISSUE	DESCRIPTION	CHKD	CORRECT	ISSUE	DESCRIPTION	CHKD	CORRECT	ISSUE	DESCRIPTION	CHKD	CORRECT	ISSUE	DESCRIPTION	CHKD	CORRECT
6				5	INCORPORATES EDC NO. 2M00032	DWI KAH JBM NMPC		4	ISSUED FOR COMPUTER DATA BASE UPDATE ONLY	MJW RAS NMPC	JJB 5-29-86	3	AS TESTED ISSUE INCORPORATES ECN NO'S ESS-012,481,482,528,SVH-003,005, HPL-816,817,831,588,581,581,582	EFC JFJ	MAF/MKA PSM/MS RGK	2	GENERAL REVISIONS INCORPORATES ECN NO. SVH-003	EFC JMJ	TBM/MKR RMH/RAK EGL PSM RGK	1	ORIGINAL ISSUE INCORPORATES ECN NO'S. ESS-001 TO 009 HOL-001 TO 014 HDH-001 TO 004 SVH-001 TO 002	EFC AR	TBM RMH JS PSM JVB

ARCH	CIVIL	CONC	STL	L&P	INST	M.D.	P.S.	S.A.	FAC	ELEC	LTG	MAT'L
PCT												

PIPING & INSTRUMENTATION DIAGRAM
FEEDWATER HEATERS &
EXTRACTION STEAM SYSTEMS

NINE MILE POINT NUCLEAR STATION-UNIT 2
NIAGARA MOHAWK POWER CORPORATION

STONE & WEBSTER ENGINEERING CORPORATION
CHERRY HILL, N.J.

DRAWING NUMBER 12177-PID-8H-5

DESIGNED BY D.DEL MOORE DRAWN BY D.DEL MOORE
CHKD BY E.F.CURRAN CHKD BY E.F.CURRAN

AREA8 | LEVEL8 | WORK PKG

REV MAR. T. HOOVER
APP. W.C.SIEBERT

SCALE 0

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