TOTAL FW 10

ISO SHT. NO. 2675

QSL	ITEM	QTY	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L	HEAT NO.
C1	1	9	0⅞"	125# C.I. FLGD. GATE VA.	C.G.E.U.C.K.P.	
	2	22	1/16" THK. F.F. FLEX. COMP. ASBESTOS & BRASS BONDED GASKET			
	3	94	5/8"	5/8" Ø HEX HD. MACH. BOLT	A-307 GR. B	
	4	24	5/8"	HEAVY HEX NUT FOR 5/8" BOLT	A-194 GR. 2H	
	5	3	1"	3000# C.S. S.W. GATE VA.	Y-100T23	
	6	5	1"	3000# C.S. S.W. 90° ELL	A-105	
	7	AS REQ'D		1" Ø SCH. 80 S.S. PIPE	A-312 GR. TP 316	
	8	4	1"	3000# C.S. THD CAP	A-181 GR. I OR II	
	9	1	1"	3000# S.W. H. CPLG C.S.	A-181 GR. I OR II	
	10	1	1"	200# GLOBE VA. SCR'D. OR BRASS BRONZE	Y-100T23	

REV.	DATE	BY OR CHK.	DESCRIPTION	REMARKS
1	7/13/72	JQ / WB	CHGD FABRICATOR & ADDED PC MK 1-NSW-179-10 & VARIOUS DIMENSIONS AS NOTED.	— / FAB. ACTION REQ'D
2	7/26/72	A.S. / WB	REVISED CONFIGURATION OF PCS 1-NSW-179-1, 2 & 3 PER AEP ARRG'T DWG. 1-5692 REV. 4	— / FAB. ACTION REQ'D
3	3/5/73	J.H. / I.F.	REVISED BY I.P.S. DESIGNS. ADDED 1" CPLG. TO PC MK. 1-NSW-179-3. FW 3. FIELD NOTE 3, SEE FAB PC MK. 1-NSW-179-1, 2 & 3. DET. "A". 6" Ø NSW TO 8" Ø M.S. ITEM 3 WAS 3 PER AEP ARR'G'T. DWG. 1-5692 REV. 5	FIELD ALT. ON R&DD / —
4	9/1/86	DKJ / Work	PER RFC-DC-12-2876 REV'D VENTS DIM'S & H.W. ORIENT. ADDED SUPPORT MARK NRS, SUPERSEDED NOS. ISO 1-GNSW-179 ALL ABOVE TO REFLECT AS-BUILT CONDITIONS. PER UNIQUE NO 002035.	NO FIELD ACTION REQ'D

NOTES:
1. USE CRANE #25-A COMPOUND OR GRINNELL 1698 ON ALL THR'D. CONN'S.
2. FIELD WELDS REFERENCED TO THIS NOTE ARE TO BE MADE AFTER PIPE IS CUT, PRE-ALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING, TO SUIT AS-BUILT CDN.
3. SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE AND PLAIN END TO FACILITATE INSTALLATION.

O.D. # — PIECE MARK
1-NSW-179- 1 / -2 / -3 / -4 / -5 / -6 / -7 / -8 / -9 / -10

SITE FAB. PIECE MARK
1-NSW-179-L1 / -L2 / -L3 / -L4

DETAIL "A"

1C7
LOWER CONTAINMENT VENT UNIT # 1-HV-CLV-2

SUPPORT MARK NUMBERS SHOWN ARE FOR GENERAL ARRANGEMENT PURPOSES ONLY. FOR EXACT LOCATIONS SEE PIPE SUPPORT DETAIL

⊗ INDICATES LOCATION OF PIPE SUPPORT AND SUPPORT DETAIL NUMBER

HANGER MARK NO
1-GNSW-R-576
1-GNSW-R-577
1-GNSW-R-578
1-GNSW-R-580
1-GNSW-R-581

SIZE	QUAN.	FW
6	22	3
4	20	3
2½	25	—
1	6	5

A-1A DESIGN SPEC. DCCPM 103QCN
HANGER SEISMIC CLASS 1
TEST REQUIREMENTS QL-4
WELD PROCEDURE —
QSL-04 TESTING 100% RT, BW

A-21 DESIGN SPEC. DCCPM 102QCS
HANGER SEISMIC CLASS —
TEST REQUIREMENTS QL. N/A
WELD PROCEDURE —
QSL-01 TESTING N/A

DESIGN SPEC.	SEE
HANGER SEISMIC CLASS	DESIGN
TEST REQUIREMENTS	CODE
MATERIAL CLASS	STAMP

N.P. = NORSING POINT; T.O.E. = THREAD ONE END; T.B.E. = THREAD BOTH ENDS; B.O.E. = BEVEL ONE END; T.O.P. = TOP OF PIPE ELEV.; Q.S.L. = MATERIAL QUALITY REQUIREMENTS; T.L. = TRUE LENGTH
B.B.E. = BEVEL BOTH ENDS; P.O.E. = PLAIN ONE END; P.B.E. = PLAIN BOTH ENDS; S.O.E. = SHAPE ONE END; B.O.P. = BOTTOM OF PIPE ELEV.
FW = FIELD WELD; H = HORIZONTAL; V = VERTICAL; SW = SHOP WELD; FSW = FIELD SHOP WELD
B = FIELD WELD; O = AUTOMATIC SHOP WELD; M = MANUAL SHOP WELD; ⊗ = VERIFY DIMENSION IN FIELD

PIPE

A-53	A-106 GR. B	A-376	A-312
STD. XS XXS	10 20 30 40 60 80 100 120 140 160		
SMLS WLDD			

FITTINGS

A-105	A-234	A-182
A-403	A-181	

TESTING

N.D.T. SEE DESIGN CODE STAMP.			
M.T.	P.T.	R.T.	U.T.
PRESSURE TEST			
MED.	PRESS.	DURATION	

ADDITIONAL

POUR/ZONE No. 1C7 — FLOW DIAGRAM 1-5114A
REQUIRED COMPLETION DATE — Q.S.L. SEE DESIGN
FABRICATED BY TAYLOR — WELD PROCEDURE SEE STAMP

NPS DESIGNS INC.
NEW YORK, N.Y.

LIVSEY & COMPANY, INC.
INDIANA & MICHIGAN ELECTRIC CO.
DONALD C. COOK NUCLEAR PLANT

FABRICATOR NOTE:
FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS.

DWN. EG | DATE: 6/20/72 | CONTAINMENT BLDG.
CKD. WB | DATE: 6/29/72 | DWG. NO. 1-NSW-179 | REV. 4
ISSUED
REF. DWG. 1-5592

D-65

1-NSW-179
Lower Containment Ventilation
Unit 2 Supply Line