ISO SHT. NO. 2676

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	9	2½	125# C.I. FLGD. GATE VA.	12GF25R2	
	2	21	2½	1/16" THK. FULL FACE COMP. ASBESTOS RUBBER BONDED GASKET.		
	3	84	5/8"ø	3" LG. HEX. HD. MACH BOLT	A-307 GR. B	
	4	84	5/8"	HEAVY HEX. NUT CL. 2 TOL.	↓	
	5	3	1"	600# C.S S.W. GATE VA.	Y-100G3G.	
	6	3	1"	3000# C.S. S.W. 90° ELL.	A-181 GR. I OR II	
	7	AS REQ'D	1"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
	8	4	1"	3000# C.S. THD. CAP	A-181 GR. I OR II	
	9	1	1"	3000# S.W. HALF CPLG. C.S.	A-181 GR. I OR II	
	10	1	1"	200# GLOBE VA. SCR'D OR BRASS BRONZE	Y-100T23	
	11	AS REQ'D.	2"	PIPE (SCH. 80) SMLS., C.S.	A-106 GR. B	
	12	2	2"	3000# C.S., S.W. 90° ELL	A-181 GR. A OR B	
	13	2	2"	150# C.S., S.W., R.F. FLANGE	↓	
	14	8	5/8"ø	2¾" LG. MACHINE BOLTS	A-307 GR. B	
	15	8	5/8"	HEAVY HEX. NUTS	↓	
	16	2	2"	1/16" THK., FULL FACE ASB. RUB. GASKET		
	17	2	½"	3000# S.W. HALF CPLG., C.S.	A-181 GR. I OR II	

REV.	DATE	DR. CHK.	DESCRIPTION	REMARKS
1	7/13/77	JB / WB	CHGD FABRICATOR & ADDED PC. MK 1-NSW-181-10 & VARIOUS DIMENSIONS AS NOTED	FAB ACTION REQ'D
2	7/27/72	RJG / JB	REVISED CONFIGURATION OF PCS. 1-NSW-181-1, 2, & 3. ADDED PIECE 1-NSW-181-3A. AEP ARR. DWG. 1-5692-4	—
3	3/5/73	J.Q. / I.F.	REVISED BY HPS DESIGNS. ADDED 1-CPLG. TO PC. MK. 1-NSW-181-4 FW'S. FIELD NOTE SHEET PC. MK. 1-NSW-181-L1 & L2 & L3 FW'S 7 & 10. REV. NOTE #3. SEE AEP ARR. & DWG. 1-5692 REV. 5	FIELD ACTION REQ'D —
NF 4	7/5/83	VB / fb	PER RFC-DC-12-2231: REVISED PIPING & ADDED WRV-915 VALVE & PIPING TO DELUGE VALVES PER AS BUILT INFO.	NO FIELD ACTION REQ'D.

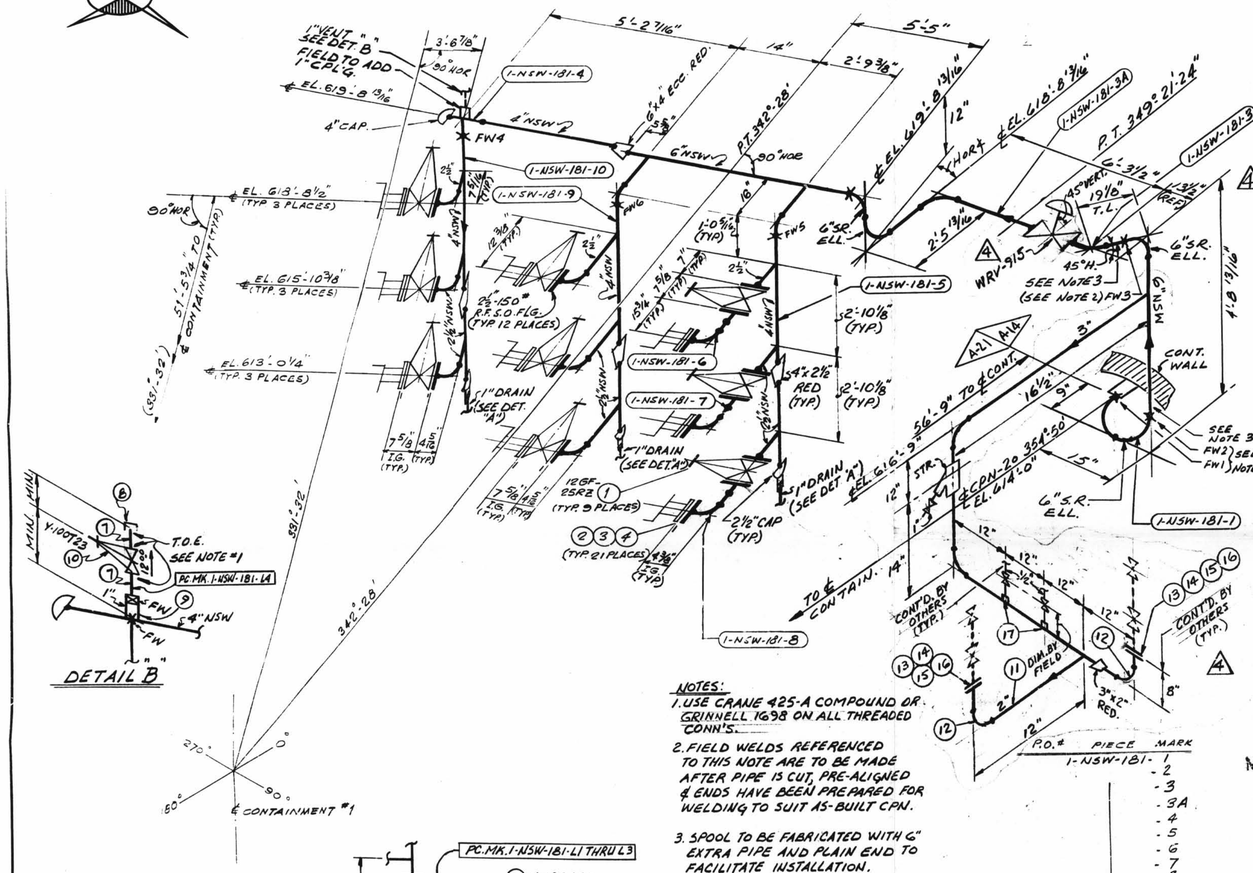
D-67

TOTAL FW

N

1C6

LOWER CONTAINMENT VENT
UNIT #1-HV-CLV-4



NOTES:
1. USE CRANE 425-A COMPOUND OR GRINNELL 1698 ON ALL THREADED 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 CPN.
3. SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE AND PLAIN END TO FACILITATE INSTALLATION.

P.O.#	PIECE MARK
1-NSW-181-	1
	-2
	-3
	-3A
	-4
	-5
	-6
	-7
	-8
	-9
	-10

SITE FAB	PIECE MARK
1-NSW-181-	L1
	L2
	L3
	L4

1-NSW-181
Lower Containment Ventilation
Unit 4 Supply Line

6	25	5	
4	20	3	
2½	25	—	
1	6	5	

A-14 DESIGN SPEC. DCCPN 103QCN
HANGAR SEISMIC CLASS I
TEST REQUIREMENTS QL-4
WELD PROCEDURE —
QSL-04 TESTING 100% RT, BW

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

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

R.P. = WORKING POINT
T.D.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
S = FIELD WELD
O = AUTOMATIC SHOP WELD
M = MANUAL SHOP WELD
E = VERIFY DIMENSION IN FIELD

PIPE												
A-53		A-106 GR. B		A-376		A-312						
STD.	XY	XXY	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. 1C6
REQUIRED COMPLETION DATE
FABRICATED BY TAYLOR
FLOW DIAGRAM 1-2-5114A
Q.S.L. SEE DESIGN
WELD PROCEDURE CODE STAMP

NPS DESIGNS INC.
NEW YORK, N.Y.

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

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

DWN. SB DATE 6-18-72 CONTAINMENT BLDG
CKD. JB DATE 6/29
ISSUED
REF. DWG. 1-5692
DWG. NO. 1-NSW-181
REV. 4