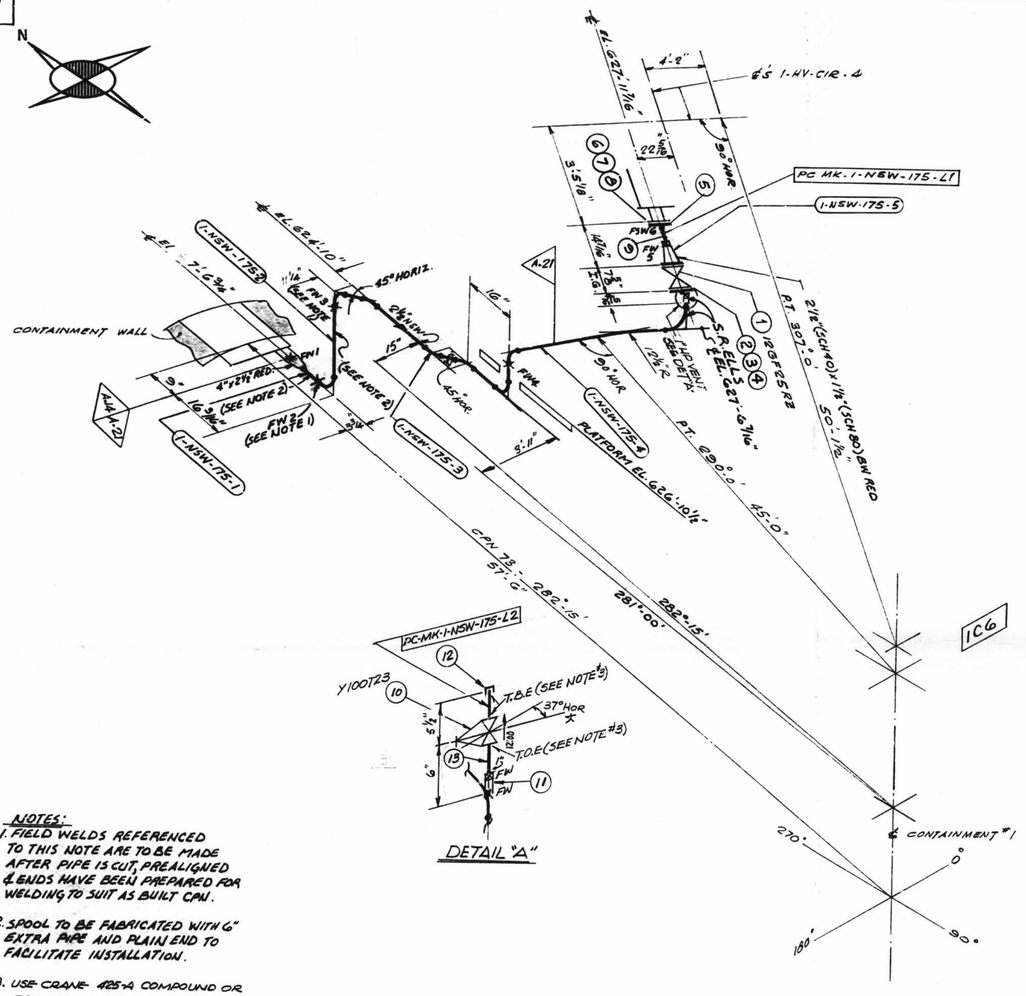

NOTES:

1. FIELD WELDS REFERENCED TO THIS NOTE ARE TO BE MADE AFTER PIPE IS CUT, PREALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS BUILT CPN.
2. SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE AND PLAIN END TO FACILITATE INSTALLATION.
3. USE CRANE 425-A COMPOUND OR GRINNELL 1698 ON ALL THREADED CONNS.

SITE FAB. PIECE MARK
1-NSW-175-L1
1-NSW-175-L2

P.O. #	PIECE MARK
	1-NSW-175-1
	-2
	-3
	-4
	-5

ISO SHT. NO. 2702

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	1	8 1/2"	125# C.I. FLGD GATE VA.	12GF25R2	
	2	2	8 1/2"	1/16" THK. FULL FACE COMP. ASBESTOS RUBBER BONDED GASKET		
	3	8	5/8" ϕ	3" LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	4	8	5/8"	HEAVY HEX. NUT CL 2 TOL.		
	5	1	1 1/2"	150# R.F. S.W. FLG.	A-181 GR. I OR II	
	6	4	1/2" ϕ	2 1/2" LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	7	4	1/2"	HEAVY HEX. NUT CL 2 TOL.		
	8	1	1 1/2"	1/16" THK. FULL FACE COMP. ASBESTOS RUBBER BONDED GASKET		
	9	AS REQ'D	1 1/2"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
	10	1	1"	200# THD GLOBE VALVE BRONZE OR BRASS	Y100T23	
	11	1	1"	3000# SW C.S. ELBOLET	A-181 GR. I OR II	
	12	1	1"	3000# THD C.S. CAP	A-181 GR. I OR II	
	13	AS REQ'D	1"	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B	

REVISION RECORD

NO.	DATE	DR. CHK.	DESCRIPTION	REMARKS
1	8-1-72	J.Q. WP	REVISED BY N.P.S. DESIGNS. EL. 627'-6 3/16" WAS EL. 637'-6 1/2" 16 3/16" WAS 17" ADDED 3 L.R. ELLS. A.E.P. ARRG'T. DWG. 1-5702-4.	— FAB. ACTION REQ'D.
2	3/20/73	J.Q. L.G.R.	REVISED BY N.P.S. DESIGNS: ADDED ITEMS 10 THRU 13 TO B/M, LIVSEY SPOOL 1-NSW-175-L2, DETAIL "A" NOTE #3 TO SUIT A.E.P. ARRG'T. DWG. 1-5702 REV. 7	FIELD ACTION REQ'D —
3	4/10/74	Scott	ADDED 0.15% DIM. TO LOCATE VLV. Y-100T23 @ DET. "A" PER RFC-DC-12-2044 (AS-BUILT)	NO ACTION REQ'D

D-61

1-NSW-175
Instrument Room Ventilation
Unit 4 Supply Line

SIZE	QUAN.	FW
4	—	1
2 1/2	33	3
1 1/2	1	1
1	1	2

A-14 DESIGN SPEC. DCCPM 103 QCN
HANGAR SEISMIC CLASS I
TEST REQUIREMENTS QL- 4
WELD PROCEDURE
QSL- 04 TESTING 100 % R.T. & U.T.

A-21 DESIGN SPEC. DCCPM 102 QCS
HANGAR SEISMIC CLASS II
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

R.P. = RORKING POINT
T.O.E. = THREAD ONE END
T.O.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
⊠ = FIELD WELD
⊙ = AUTOMATIC SHOP WELD
⊙ = MANUAL SHOP WELD
⊙ = VERIFY DIMENSION IN FIELD

PIPE														
A-53		A-106		A-376		A-312								
		GR. B												
STD.	XY	XXY	10	20	30		40	60	80	100	120	140	160	
							X							
SMLS		WLDD												
X														

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. 1CG
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO
FLOW DIAGRAM 1-2-5114A
O.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. S.G.	DATE: 6-9-72	CONTAINMENT BLDG.	
CKD. WP	DATE: 7-5-72	DWG. NO. 1-NSW-175	REV. 3
ISSUED			
REF. DWG. 1-5702			