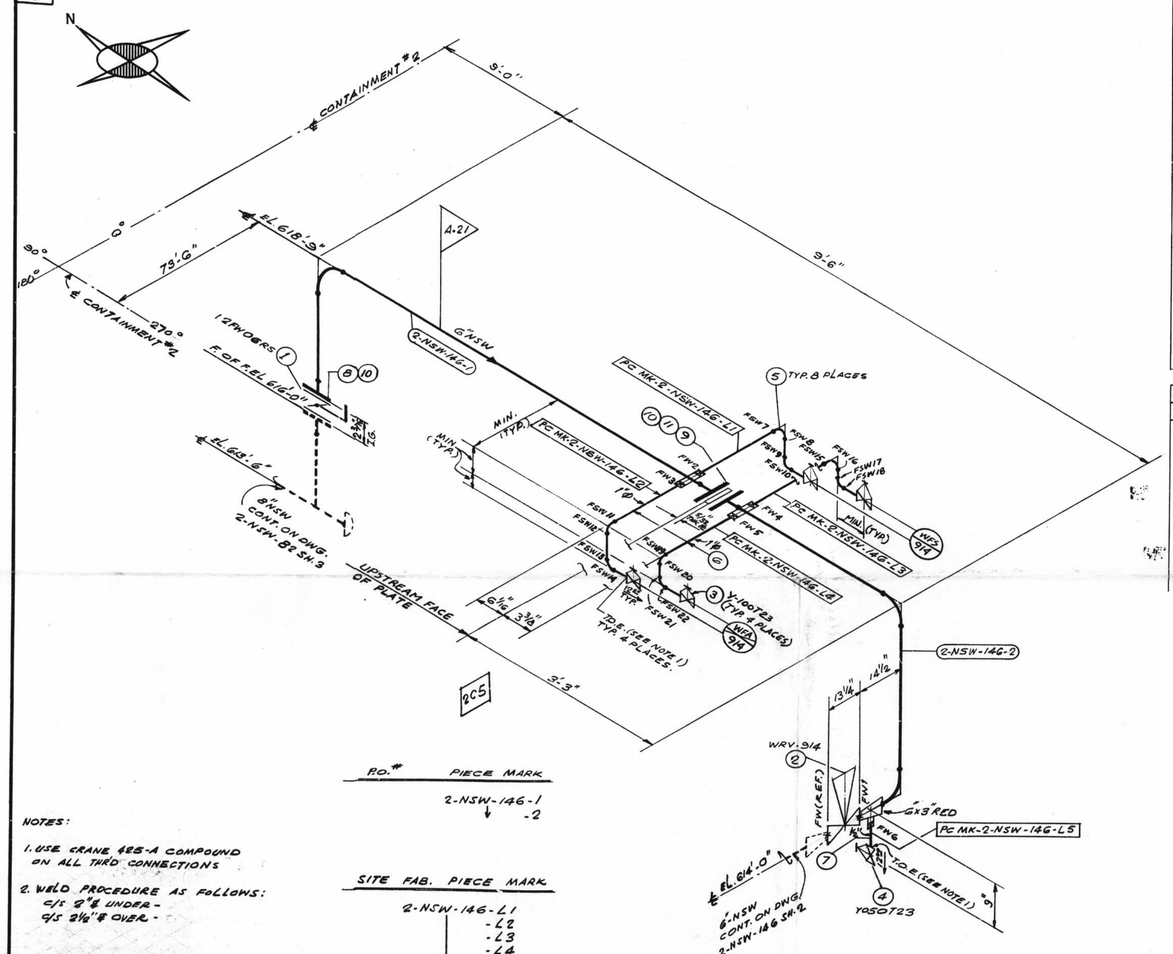
TOTAL FW 22

ISO SHT. NO. 2128

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	1	6"	125# C.I. WAFER BUTTERFLY VA.	12FW06RS	
	2	1	3"	S.W. REGULATING VA.	WRV-914	
	3	4	1"	200# SCR'D GLOBE VA BRONZE OR BRASS	Y100T23	
	4	1	½"	200# SCR'D GLOBE VA	Y050T23	
	5	8	1"	3000# S.W. C.S. 90° ELL	A-181 GR. I OR II	
	6	AS REQ'D	1"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
	7	AS REQ'D	½"	PIPE (SCH. 80) SMLS. C.S.		
	8	8	⅜"Ø	5½" LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	9	2	6"	1/16" THK. COMP. ASBESTOS GASKET		
	10	16	¾"Ø	HEAVY HEX NUT CL. 2 TOL.	A-307 GR. B	
	11	8	¾"Ø	3½" LG. HEX. HD. MACH. BOLT		

REVISION RECORD		
NO.	DATE	DESCRIPTION



P.O.#	PIECE MARK
	2-NSW-146-1
	-2

SITE FAB. PIECE MARK
2-NSW-146-L1
-L2
-L3
-L4
-L5

NOTES:

1. USE CRANE 485-A COMPOUND ON ALL THRD CONNECTIONS
2. WELD PROCEDURE AS FOLLOWS:
   C/S 2"Ø UNDER -
   C/S 2½"Ø OVER -

D-35A

2NSW-146 (sheet 1 of 2)
Lower Containment Ventilation
Unit 4 Supply Line

SIZE	QUAN.	FW
6	17	0
3	—	1
1	4	20
½	1	1

DESIGN SPEC.	DCCPM 102QCS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	N/A
MATERIAL CLASS	A-21 SPEC. 104

W.P. = WORKING POINT
T.B.E. = THREAD ONE END
T.B.E. = THREAD BOTH ENDS
B.B.E. = BEVEL ONE END
T.O.P. = TOP OF PIPE ELEV.
M.Q.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. = SOCKET 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 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.	N/A.			
M.T.	P.T.	R.T.	U.T.	
PRESSURE TEST				
MED.	PRESS.	DURATION		

ADDITIONAL

POUR/ZONE No. 2C5
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO

FLOW DIAGRAM 1-2-5114A
Q.S.L. 01
WELD PROCEDURE SEE NOTE 2

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. SG.	DATE 1-12-73	CONTAIN. VICINITY	
CKD. LdB	DATE 2/3/73	DWG. NO. 2-NSW-146 SH 1 OF 2	REV.
ISSUED			
REF. DWG. 2-5497A			