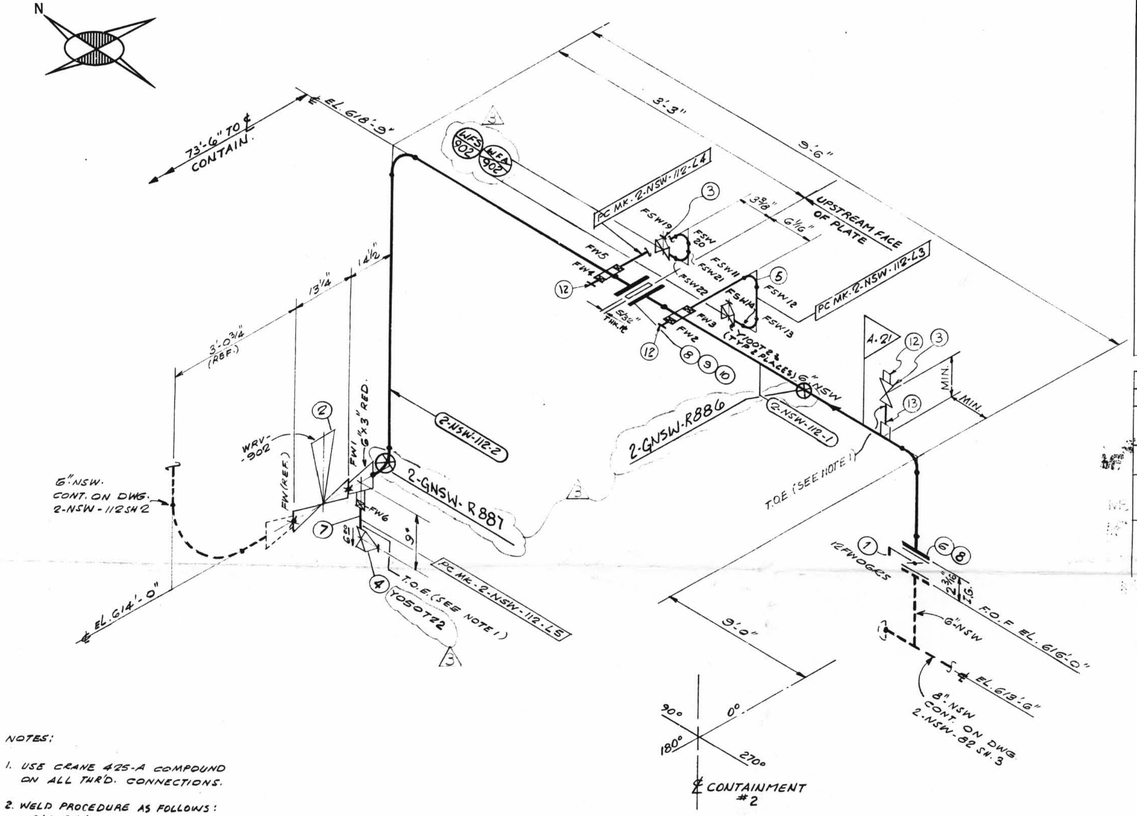

NOTES:

1. USE CRANE 425-A COMPOUND ON ALL THRD. CONNECTIONS.
2. WELD PROCEDURE AS FOLLOWS:
   C/S 2"⌀ UNDER-
   C/S 2 1/2"⌀ OVER-

P.O.# PIECE MARKS	SITE FAB. PC. MARKS
2-NSW-112-1	2-NSW-112-L3
-2	L4
	L5

ISO SHT. NO. 2118

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L	HEAT NO.
01	1	1	6"	125# C.I. WAFER BUTTERFLY VA.	12FWOGRS	
	2	1	3"	B.W. REGULATING VA.	WRV-902	
	3	5	1"	200# THRD. GLOBE VA. BRONZE OR BRASS	Y100T23	
	4	1	1/2"	150# THRD. GLOBE VA. BRONZE OR BRASS	Y050T22	3
	5	4	1"	3000# C.S. S.W. 90° ELL.	A-181, GR. I OR II	
	6	8	3/4"Ø	5 1/2" LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	7	AS REQD.	1/2"	PIPE (SCH 80) SMLS C.S.	A-106 GR. B	
	8	16	3/4"	HEAVY HEX. NUT CL. 2 TOL.	A-307 GR. B	
	9	8	3/4"Ø	3 1/2" LG. HEX. HD. MACH. BOLT.		
	10	2	6"	1/16" THK. FULL FACE COMP. ASBESTOS RUBBER BONDED GASKET.		
	11	AS REQD.	1"	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B.	
	12	3	1"	3000# C/S PLUG	A-181 GR. I OR II	
	13	AS REQD.	1"	PIPE (SCH. 80) SMLS C.S.	A-106 Gr. B	

REVISION RECORD

NO.	DATE	DWN. CKD.	DESCRIPTION	REMARKS
1	8/13/76	FA/LB	REVISED BY A.E.P. DELETED PIECE'S 2-NSW-112-L1 & 2-NSW-112-L2 ADDED ITEM 12 IN B/M	
2	12-30-76	W.R.	ADDED 1" VENT & ADDED ITEM 13; REVISED ITEMS 3 & 12 OF B/M. W.R.	
3	8/11/78	DK.	PER RFC-DC-12-2876 REV'D INST'S & ITEM 4 VALVE TYPE. ADDED SUPPORT DETAILS. SUPERSEDED HGR. ISO 2GNSW-112 SHT 1. ALL ABOVE TO REFLECT AS-BUILT CONDITIONS.	NO FIELD ACTION REQ'D

D-24A

2NSW-112 (sheet 1 of 2)
Lower Containment Ventilation
Unit 1 Supply Line

SIZE	QUAN.	FW
6	17	—
3	—	1
1	2	20
1/2	1	1

SUPPORT MARK NUMBERS SHOWN ARE FOR GENERAL INFORMATION & LOCATION ONLY. FOR EXACT ATTACHMENT SEE PIPE SUPPORT DETAIL

HANGER MARK Nº'S
2-GNSW-R886
2-GNSW-R887

DIRECTIVE LOCATION OF PIPE SUPPORT DETAIL

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

R.P. = RISING POINT
T.P. = TRAPPED POINT
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. = SWAGE 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
A = AUTOMATIC SHOP WELD
M = MANUAL SHOP WELD
V = VERIFY DIMENSION IN FIELD

PIPE												
A-53		A-106		A-376		A-312						
		GR. B										
STD.	XY	XXY	10	30	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 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 8/8/72	CONTAIN. VACINITY	
CKD. LdB	DATE 8/8/72	DWG. NO. 2-NSW-112 SH. 1 of 2.	REV. 3
ISSUED			
REF. DWG. 2-5497A			