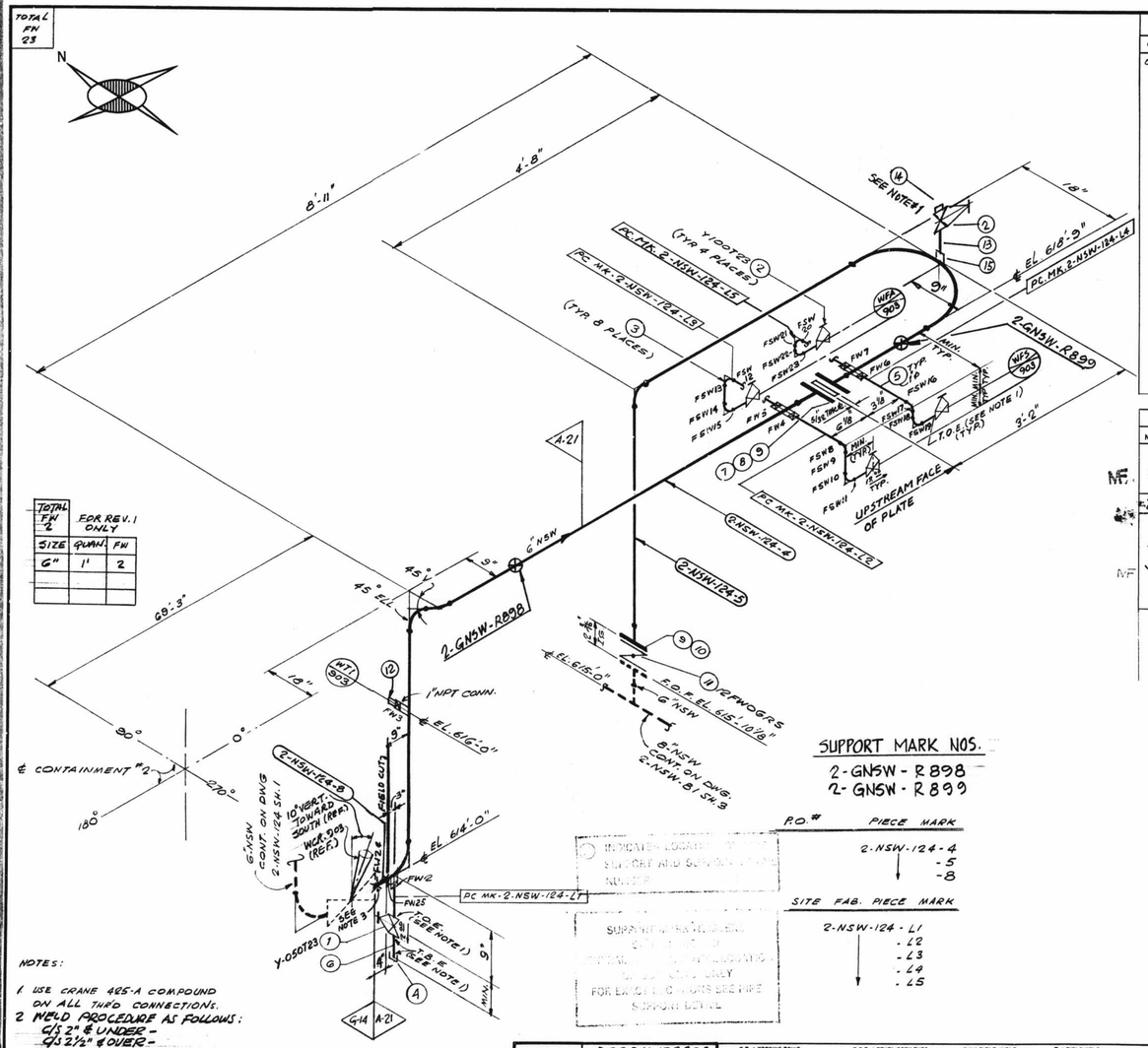

TOTAL FW 2	FOR REV. 1 ONLY	
SIZE	QUAN.	FW
6"	1'	2

SUPPORT MARK NOS.

2-GNSW-R898
2-GNSW-R899

P.O.#	PIECE MARK
2-NSW-124-4	
	-5
	-8

SITE FAB. PIECE MARK
2-NSW-124-L1
-L2
-L3
-L4
-L5

NOTES:

1. USE CRANE 425-A COMPOUND ON ALL THRD CONNECTIONS.
2. WELD PROCEDURE AS FOLLOWS:
   6"&2" & UNDER -
   6"&2 1/2" & OVER -
3. PROVIDE BI-METALLIC WELDS (STAINLESS STEEL-CARBON STEEL)

SIZE	QUAN.	FW
6	23	1
1	4	21
1/2	1	1

ISO SHT. NO. 2127

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	1	1/2"	200# SCRD. GLOBE VA.	BRONZE OR BRASS	Y050T23
	2	5	1"	200# SCRD GLOBE VA	BRONZE OR BRASS	Y-100T23
	3	8	1"	3000# S.W. C.S. 90° ELL	A-181 GR. 2 OR II	
	4	1	1/2"	3000# SCRD. CAP C.S.		
	5	AS REQD	1"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
	6	AS REQD	1/2"	PIPE (SCH. 80) SMLS. C.S.		
	7	2	6"	1/16" THK. FULL FACE COMP. ASBESTOS RUBBER BONDED GASKET.		
	8	8	3/4" ø	3 1/2" LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	9	16	3/4"	HEAVY HEX. NUT. CL. 2 TOL.		
	10	8	3/4" ø	5 1/2" LG. HEX. HD. MACH. BOLT.		
	11	1	6"	125 # C.I. WAFER BUTTERFLY VA	12FW06RS	
	12	1	1"	BI-METAL THERM. WELL	WTF-903	
	13	AS REQD	1"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
	14	1	1"	3000# THR'D. PLUG, C.S.	A-181 GR. 2 OR II	
	15	1	1"	3000# HALF CPLG, C.S.		

REVISION RECORD				
NO.	DATE	DR. CHK.	DESCRIPTION	
1	4/11/80	A.G. DK	PER RFC-DC-12-2549. ADDED FIELD WELD BOX, DIM. PC-MK #8, FIELD WELDS 24 & 25 NOTE 3	FIELD ACTION REQ'D.
2	5/21/80	SG DZ	PER RFC-DC-12-2549 REVISE DIM. PER FIELD VERIF.	FIELD ACTION REQ'D
3	7/21/89	EBB DGM LB	TO REFLECT AS-FOUND CONDITIONS FOR RFC-DC-12-3010 PER FWR#750 REV. 1; ADDED: 1" VALVE, RED. INSERT, PLUG & ITEM 13-15 ON B/M. REVISED: B/M TO SUIT. ADDED: SUPPORT MARK NOS. & SUPERSEDES HGR. 150. # 2-GNSW-124 SH. NO. 2	NO FIELD ACTION REQ'D.

D-33B

2NSW-124 (sheet 2 of 2)
Lower Containment Ventilation
Unit 4 Return Line

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

K.P. - KORING 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. - SNAPE ONE END
B.O.P. - BOTTOM OF PIPE ELEV.
FW = FIELD WELD
V = VERTICAL
H = HORIZONTAL
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		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.	N/A			
M.T.	P.T.	R.T.	U.T.	
PRESSURE TEST				
MED.	PRESS.	DURATION		

ADDITIONAL

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

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.

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

DWN. S.G.	DATE 1-18-71	CONTAIN. VICINITY	
CKD. LdB	DATE 3/13/72	DWG. NO. 2-NSW-124 SH. 2 OF 2	REV. 3
ISSUED			
REF. DWG. 2-5497A			