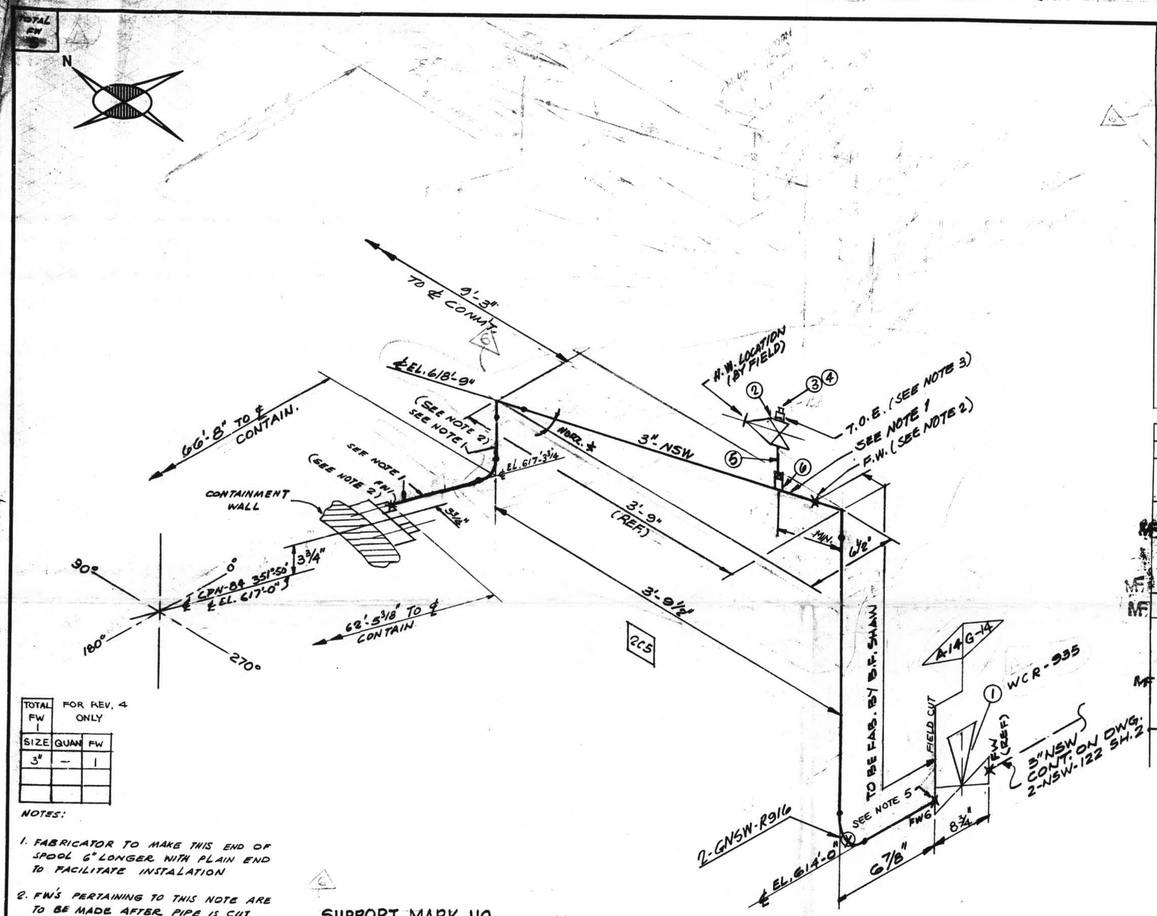
ISO SHT. NO. 2122

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
04	1	1	3"	B.W. DIAPH. CONTROL VA 56	WCR-935	
	2	1	1"	600# C.S. S.W. GLOBE VA.	Y-100T36	
	3	1		1" SW X 3/4" THRD. 3000# RED. INSERT	A-181 GR. I OR II	
	4	1		3/4" 3000# THRD. PLUG		
	5	AS REQ'D	1"	PIPE (SCH. 80) SMLS, C.S.	A-106 GR. B	
	6	1	1"	3000# HALF CPLG., SMLS	A-181 GR. I OR II	

REVISION RECORD

NO.	DATE	DR. CHK.	DESCRIPTION	REMARKS
1	1-20-70	DR. B.P.	REVISED BY AEP DESIGN: PER RFC-DC-12-671; ADDED; 1" VENT - VALVE NO Y-100T23.	ACTION REQ'D.
2	6-2-70	P.H. J.C.	REVISED FABRICATION RESPONSIBILITY OF SPOOL PC. 2-NSW-122-3.	
3	9/28/70		AS PER RDT-MC-0312 ADDED DETAIL "A"	NO ACTION REQ'D
4	9/11/70	D.C. DR	PER RFC-DC-12-2549 ADDED SPEC. G-14, NOTES 4, 5 & 6, FIELD WELD BOX, FIELD WELD 6, REVISED ITEM NO. 1 IN B/M. 8 3/4" WAS 13 1/4"	FIELD ACTION REQ'D
5	10/1/70	J.L. M.W.	PER RFC-DC-12-2509 DIM. 3'-9" WAS 3'-10 1/16" DIM. 3'-9 7/8" WAS 3'-10 3/16" & ADDED DIM.	FIELD ACTION REQ'D
6	7/21/90	B.D. D.W. L.D.	TO REFLECT AS-FOUND CONDITIONS FOR RFC-DC-12-3010 PER FWR # 759 REV. 1; REVISED: DWG. TO INCORPORATE AS-BUILT PIPE CONFIG. ADDED: ITEM 3-G ON B/M, SUPPORT MARK NO. & SUPERSEDES HGR. 150. NOT: 2-GNSW-122 SH. NO. 1	NO FIELD ACTION REQ'D.



TOTAL FW	FOR REV. 4 ONLY

SIZE	QUAN	FW
3"	—	1

NOTES:

1. FABRICATOR TO MAKE THIS END OF SPOOL 6" LONGER WITH PLAIN END TO FACILITATE INSTALATION
2. FW'S PERTAINING 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. USE CRANE 425-A COMPOUND ON ALL THRD. CONN'S
4. BUTTWELDS = RT - 100% TESTING
   SOCKET WELDS = PT-100% TESTING
5. PROVIDE BI-METALIC WELDS (STAINLESS STEEL - CARBON STEEL)
6. REMOVE BONNET ASSEMBLY BEFORE WELDING VALVE BODY TO PIPELINE

SIZE	QUAN.	FW
3"	16'	4
1"	—	1

SUPPORT MARK NO.
2-GNSW-R916

INDICATES LOCATION OF PIPE SUPPORT AND SUPPORT MARK NUMBER

SUPPORT MARK NUMBERS ARE ASSIGNED GENERALLY FOR LOCATION OF SUPPORTS ONLY. FOR EXACT LOCATIONS SEE PIPE SUPPORT DETAIL

D-31A

2NSW-122 (sheet 1 of 2)
Upper Containment Ventilation
Unit 4 Return Line

DESIGN SPEC.	OCCPM 103RCN
HANGER SEISMIC CLASS	I
TEST REQUIREMENTS	QL-L
MATERIAL CLASS	A.14 SPEC. 104

W.P. = WORKING 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.
G.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

B = FIELD WELD
S = FIELD SHOP WELD
H = HANGER SHOP WELD
S = 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		
						☒								
SMLS		WLDD												

FITTINGS		
A-105	A-234	A-182
A-403	A-181	

TESTING				
N.D.T.				
M.T.	P.T.	R.T.	U.T.	
		100%		
PRESSURE TEST				
MED.		PRESS.		DURATION

ADDITIONAL

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

FLOW DIAGRAM 2-5114A
G.S.L. 04
WELD PROCEDURE

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 1-14-72	CONTAIN. VACINITY	
CKD. LdB	DATE 3/1/72	DWG. NO. 2-NSW-122 SH. 1 OF 2	REV. 6
ISSUED			
REF. DWG. 2-5497A			