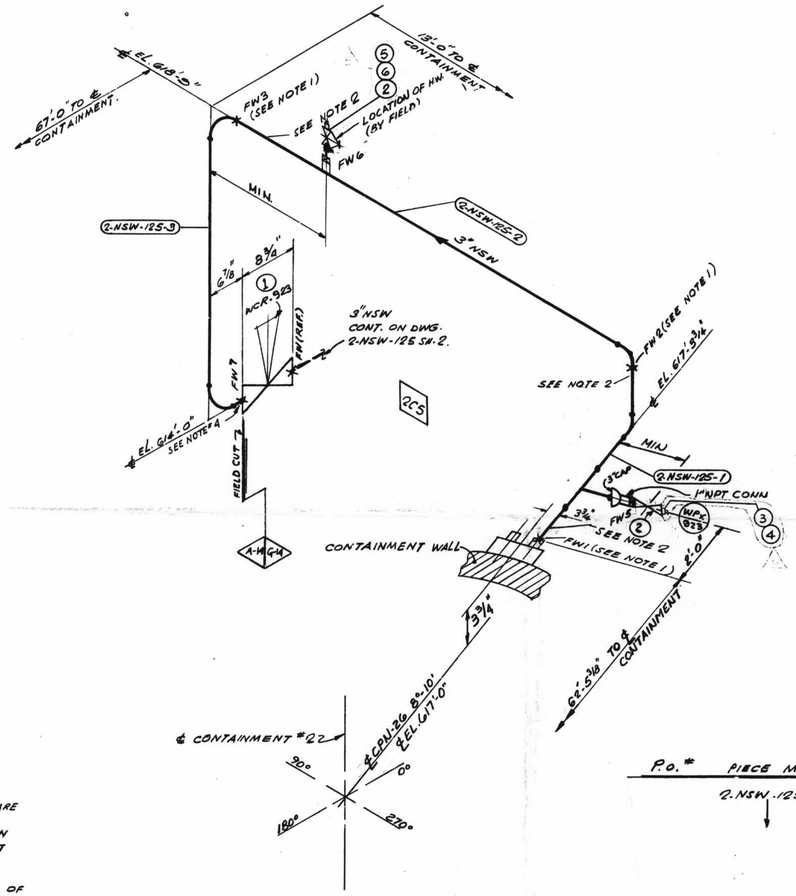
TOTAL FW	
6	

FOR REV. 3 ONLY		
SIZE	QUAN.	FW.
3"	-	1



NOTES:

1. 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.
2. FABRICATOR TO MAKE THIS END OF SPOOL 6" LONGER WITH PLAIN END TO FACILITATE INSTALLATION.
3. USE CRANE 425-A COMPOUND ON ALL THRD. CONN'S.
4. PROVIDE BI-METALLIC WELDS (STAINLESS STEEL-CARBON STEEL)
5. REMOVE BONNET ASSEMBLY BEFORE WELDING VALVE BODY TO PIPE LINE.

SIZE	QUAN.	TYP.
1"	16	4
3"	-	2

ISO SHT. NO. 2IG7

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L	HEAT NO.
04	1	1	3"	B.W. DIAPH. CONTROL VA. S.S.	NCR-963	
	2	2	1"	600# S.W. GLOBE VALVE C.S.	Y-100T36	
	3	1		1"SWX1/2" THR'D 3000# RED. INSERT	A-181 GR. 70 OR 72	
	4	1		1/2" 3000# THR'D PLUG		
	5	1		1"SWX3/4" THR'D 3000# RED. INSERT		
	6	1		3/4" 3000# THR'D PLUG		

REVISION RECORD				
NO.	DATE		DESCRIPTION	REMARKS
1	12/2/76	D.R. B.R.	REVISED BY AEP DESIGN: PER RFC-DC-12-671: ADDED; 1" VENT-VALVE NO Y-100T23.	ACTION REQ'D.
2	4/27/77	DMC	PER RDM-MC-0162 ITEM #2 WAS (2) Y-100T23, REMOVED ITEM #3	
3	9/11/79	K.A. D.R.	PER RFC DC-12-2549 ADDED: PIPE SPEC G-14, WELD BOX WELD FW7, NOTES 4&5. REVISED: DIM, ITEM #1 B/M.	FIELD ACTION REQ'D
4	10/18/81	K.A. LB	PER RFC # DC-12-3349 REV. DESCRIPTION OF ITEM #2 B/M WAS 200# GLOBE W/ BONNETS W/ THR. VALVE @ 1"NPT CONN. WAS (1) DUE THE DRAFTING ERROR.	NO FIELD ACTION REQ'D
5	6/14/82	ME JM	PER RFC-DC-12-2549 ADDED RED. INSERT & PLUGS TO ITEMS 2 & 3 B/M.	FIELD ACTION REQ'D.

P.O.#	PIECE MARK
	2-NSW-125-1
	-2
	-3

D-34A

1

2NSW-125 (sheet 1 of 2)
Upper Containment Ventilation
Unit 1 Return Line

DESIGN SPEC.	DCCPM 103 RCN
HANGER SEISMIC CLASS	I
TEST REQUIREMENTS	QL. 4
MATERIAL CLASS	A-14 SPEC. 104

B.P. = BORESCOPE POINT
T.S.E. = THREAD ONE END
T.B.E. = THREAD BOTH ENDS
B.B.E. = BEVEL BOTH ENDS
B.S.E. = BEVEL ONE END
T.O.P. = TOP OF PIPE ELEV.
Q.S.L. = MATERIAL QUALITY REQUIREMENTS
T.L. = TRUE LENGTH

B.S.E. = BEVEL BOTH ENDS
P.S.E. = PLAIN ONE END
P.B.E. = PLAIN BOTH ENDS
S.S.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

S = FIELD SELD
I = INTERMITTENT SHOP 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	20	30	40	60	80	100	120	140	160		
						X								
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
Q.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. EB	DATE 1-18-72	CONTAIN. VICINITY	
CKD. LB	DATE 3/1/72	DWG. NO. 2-NSW-125 SH. 1 OF 2	REV. 5
ISSUED			
REF. DWG. 2-5487A			