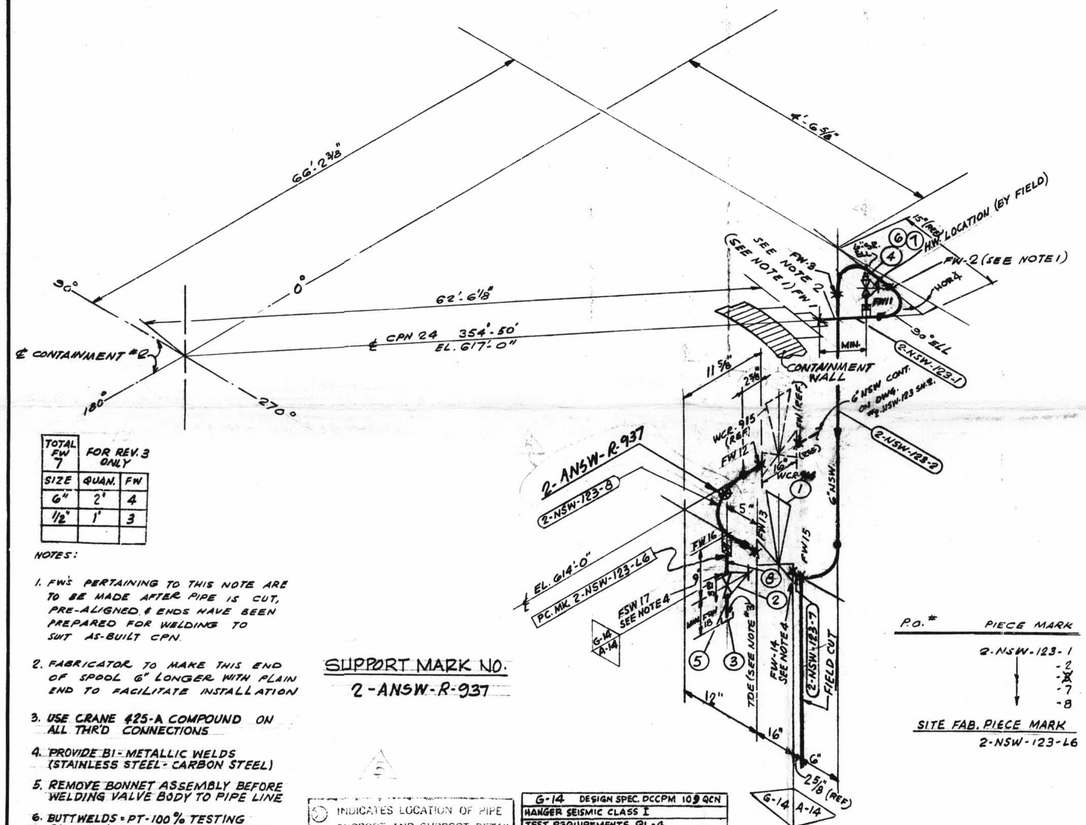
ISO SHT. NO. 2124

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
04	1	2	6"	B.W. DIAPH. CONTROL VA. S.S.	WCR-914	
	2	1	1/2"	600# S.W. C.S. GLOBE VA.	Y-050G36	
	3	1	1/2"	3000# C.S. SCRD. CAP	A-181 GR.I OR II	
	4	1	1"	600# S.W. C.S. GLOBE VA.	Y-100T36	
	5	AS REQ'D	1/2"	PIPE (SCH.80) SMLS. C.S.	A-106 GR.B	
	6	1	1"	1" S.W. X 3/4" THRD 3000# RED. INSERT	A-181 GR.I OR II	
	7	1	3/4"	THRD PLUG C.S.	"	
	8	AS REQ'D	1 1/2"	PIPE (SCH. 40S) SMLS. S.S.	A-312 GR.TP-304	

REVISION RECORD

NO.	DATE	DR. CHK.	DESCRIPTION	REMARKS
1	1/20/70	DR. B.R.	REVISED BY AEP DESIGN: PER RFC-DC-12-671: ADDED: 6" BW. CONTROL VA-WCR-914, 1" VENT. VALVE NO Y-100T23, 1/2" DRAIN-VALVE NO Y-050T36.	ACTION REQ'D.
2	4/19/71	MC	PER RDM-MC-0162 ITEM #6 WAS Y-100T23 ADDED ITEMS #6 & 7	
3	9/11/91	J.L. DR.	PER RFC DC-12-2549: ADDED: PIPE SPEC. G-14, DIM'S, PC. MK. L-6, WELD BOX, NOTES 4, 5 & 6, FIELD WELDS 12 TO 16, FSW 17 & 18, ITEM 8 TO B/M, 2-NSW-123-7 & 8, PC. MK. L-6. REVISED: ITEM NO. 1 IN B/M.	FIELD ACTION REQ'D
4	5/14/92	SG REG.	PER RFC-DC-12-2549 RELOCATED VALVE WCR-915 DIM. 11 5/8" WAS 9" & TEST CONN. DIM. 5" WAS 2"	FIELD ACTION REQ'D
5	7/12/10	EBD DBM LB	TO REFLECT AS-FOUND CONDITIONS FOR RFC-DC-12-3010 FWR # 758 REV. 1 REVISED: DRAIN VALVE DESIGN NO. 4 B/M TO SUIT ADDED: SUPPORT MARK NO'S & SUPERSEDE HGR. 160. 2-GNSW-123 SH. 1	NO FIELD ACTION REQ'D.



TOTAL FW 7	FOR REV. 3 ONLY	
SIZE	QUAN.	FW
6"	2'	4
1/2"	1'	3

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 #25-A COMPOUND ON ALL THR'D CONNECTIONS
4. PROVIDE BI-METALLIC WELDS (STAINLESS STEEL-CARBON STEEL)
5. REMOVE BONNET ASSEMBLY BEFORE WELDING VALVE BODY TO PIPE LINE
6. BUTTWELDS = PT-100% TESTING SOCKET WELDS = PT-100% TESTING

SUPPORT MARK NO.
2-ANSW-R-937

INDICATES LOCATION OF PIPE SUPPORT AND SUPPORT DETAIL NUMBER

SUPPORT MARK NUMBERS SHOWN ARE FOR GENERAL AND SEQUENTIAL LOCATION OF SUPPORTS ONLY FOR EXACT LOCATIONS SEE PIPE SUPPORT DETAIL

P.O. #	PIECE MARK
2-NSW-123-1	
	-2
	-3
	-7
	-8

SITE FAB. PIECE MARK
2-NSW-123-L6

D-32A

SIZE	QUAN.	FW
6"	6'	7
1"	—	1
1/2"	2'	3

G-14 DESIGN SPEC. DCCPM 103 QCN
HANGER SEISMIC CLASS I
TEST REQUIREMENTS QL-4
WELD PROCEDURE
QSL-04 TESTING SEE NOTE 6

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

B.P. = WORKING POINT
T.S.E. = THREAD ONE END
T.B.E. = THREAD BOTH ENDS
B.S.E. = BEVEL ONE END
T.O.P. = TOP OF PIPE ELEV.
O.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
⊗ = FIELD BELO
⊙ = AUTOMATIC SHOP WELD
● = MANUAL SHOP WELD
⊗ = VERIFY DIMENSION IN FIELD

PIPE																		
A-53		A-106			A-376		A-312											
		GR. B					GR. TP 304											
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. 225
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO
FLOW DIAGRAM 2-5114A
O.S.L. 04
WELD PROCEDURE

NPS DESIGNS INC.
NEW YORK, N.Y.

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

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

DWN. S.G. DATE 1/4/72
CKD. LdB DATE 7/8/72
ISSUED
REF. DWG. 2-54B7A

CONTAIN. VICINITY

DWG. NO. 2-NSW-123 SH. 1 OF 2

REV. 5

2NSW-123 (sheet 1 of 2)
Lower Containment Ventilation
Unit 2 Return Line