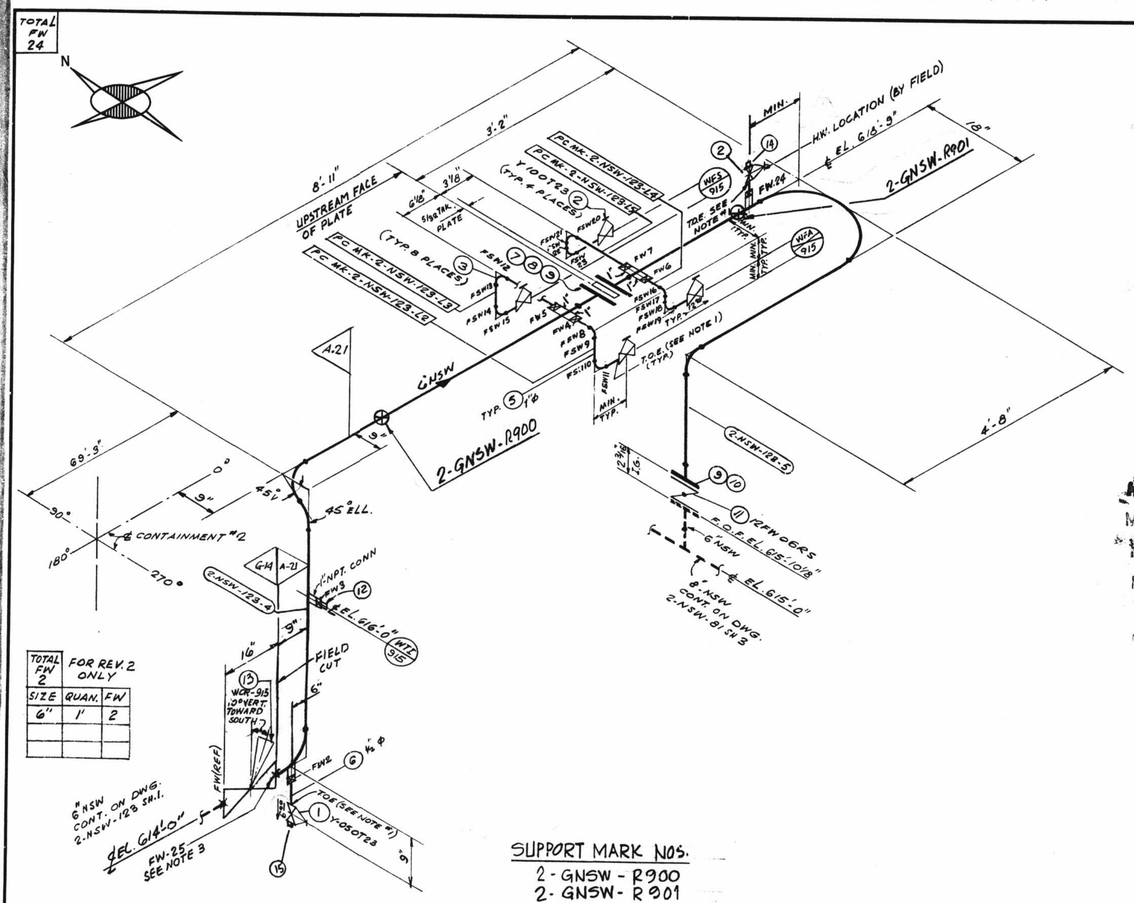

TOTAL FW 2	FOR REV. 2 ONLY	
SIZE	QUAN.	FW
6"	1'	2

SUPPORT MARK NOS.
2-GNSW-R900
2-GNSW-R901

SITE FAB. PC. MARKS: 2-NSW-123-L2, -L3, -L4, -L5

P.O.# PIECE MARKS: 2-NSW-123-4, -5

D-32B

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

ISO SHT. NO. 2125

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 SEATED	Y050T23	
	2	5	1"	200# SCRD. GLOBE VA BRONZE OR BRASS	Y100T23	
	3	8	1"	3000# S.W. C.S. 90° ELL	A-181 GR. I OR II	
	4					DELETED
	5	AS REQ'D	1"	PIPE (SCH. 80) SMLS. C.S.	M-10G GR. B	
	6	AS REQ'D	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"ϕ	3 1/2" LG. HEX. HD. MACH. BOLT.	A-307 GR. B	
	9	16	3/4"	HEAVY HEX. NUT CL. 2 TOL.		
	10	8	3/8"ϕ	3 1/2" LG. HEX. HD. MACH. BOLT.	↓	
	11	1	6"	125# C.I. WAFER BUTTERFLY VA	12FW06RS	
	12	1	1"	BI-METAL THERM WELL	WTI-915	
04	13	1	6"	B.W. DIAPH. CONTROL VA. S.S.	WCR-915	
01	14	1	1"	3000# THR'D. PLUG, C.S.	A-181 GR. I OR II	
↓	15	1	1/2"	3000# THR'D. PLUG, C.S.		

REVISION RECORD

NO.	DATE	DR. CHK.	DESCRIPTION	REMARKS
1	1/20/78	D.R. B.R.	REVISED BY NEP DESIGN: PER RFC-DC-12-671: ADDED; 6" B.W. CONTROL VALVE-WCR-915, 1" VENT VALVE NO. Y100T23.	ACTION REQ'D.
2	9/1/81	J.L. DR	PER RFC DC-12-2549: ADDED: PIPE SPEC G-14, DIM'S, PC. MK. #6, WELD BOX NOTES 3 & 4, FIELD WELDS 25 & 26. REVISED: ITEM NO. 13 IN B/M	FIELD ACTION REQ'D
3	9/24/81	K.A. DLF	PER RFC DC-12-2549 RELOCATED TEST CONN.: DIM. 5 1/2 WAS 3'.	FIELD ACTION REQ'D
4	4/4/82	SG EG	PER RFC DC-12-2549 RELOCATED VALVE WCR-915 DIM. 9" WAS 11 1/8", ADDED DIM. 6" DELETED FW 26 & PC. MK-2-NSW-123-6. ROTATED VA. WCR-915 10° TO SOUTH.	FIELD ACTION REQ'D.
5	7/12/89	EBS RCM LB	TO REFLECT AS-FOUND CONDITIONS FOR RFC-DC-12-3010 PER FWR # 759 REV. 1 ADDED: PLUGS & ITEM 14 & 15 ON B/M. DELETED; CAP & ITEM NO. 4 ON B/M. ADDED: SUPPORT MARK NOS. & SUPERSEDES HGR. 150-# 2-GNSW-123 SH. # 2	NO FIELD ACTION REQ'D.

NOTES:

1. USE CRANE 425-A COMPOUND ON ALL THR'D CONNECTIONS.
2. WELD PROCEDURE AS FOLLOWS:
   6/S 2" & UNDER -
   6/S 2 1/2" & OVER -
3. PROVIDE BI-METALLIC WELDS (STAINLESS STEEL - CARBON STEEL)
4. REMOVE BONNET ASSEMBLY BEFORE WELDING VALVE BODY TO PIPE LINE

SIZE	QUAN.	FW
6"	23'	1
1"	4'	22
1/2"	1'	1

DESIGN SPEC.	00CPM 108Q05
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	N/A.
MATERIAL CLASS	A. 21 SPEC. 104

N.P. = NORSING 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. = 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; D = FIELD SHOP WELD; S = SHOP WELD; M = MANUAL SHOP WELD; E = 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.	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 — FLOW DIAGRAM 2-5114A
REQUIRED COMPLETION DATE — Q.S.L. 01
FABRICATED BY TODECO — 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. SG DATE: 1/17/78 — CONTAIN. VICINITY
CKD. LdB DATE: 7/6/72
ISSUED
REF. DWG. 2-5497A
DWG. NO. 2-NSW-123 SH. 2 OF 2.
REV. 5