



- NOTES:
- USE CRANE 425-A COMPOUND ON ALL THRD CONNS.
 - BORE OUT THRD TO SUIT 1/2" S.W. CONNECTION.
 - WELD PROCEDURE AS FOLLOWS:
2" & UNDER - CS-1 OR CS-G
2 1/2" & OVER - CS-1 OR CS-E
 - TO SUIT CONDITIONS, FIELD MAY REORIENT HANDWHEELS.

INDICATES LOCATION OF PIPE SUPPORT AND SUPPORT DETAIL NUMBER

SUPPORT MARK NUMBERS INDICATE GENERAL LOCATION OF SUPPORTS FOR EXACT LOCATION OF SUPPORT DETAIL

SIZE	QUAN.	FW
3"	18'	2
1/2"	2'	5

LINE SIZE	NOM THK IN	REMARKS
3"	1"	GLASS

DESIGN SPEC	DCCPM 107 QCS	W.P. - WORKING POINT	T.O.E. - TOP OF END	B.B.E. - BEVEL BOTH ENDS	F.W. - FIELD WELD	N.P. - NIPPLE
HANGER SEISMIC CLASS	II	T.O.E. - TOP OF END	B.B.E. - BEVEL BOTH ENDS	F.W. - FIELD WELD	N.P. - NIPPLE	N.A. - NOT APPLICABLE
TEST REQUIREMENTS	DL1	T.O.P. - TOP OF PIPE ELEV.	B.O.P. - BOTTOM OF PIPE ELEV.	S.W. - SHOP WELD	F.W. - FIELD WELD	
MATERIAL CLASS	A-21 SPEC. 104	Q.S. - MATERIAL QUALITY REQUIREMENTS	T.L. - TRUE LENGTH			

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG NO. OR ASTM MAT'L	HEAT NO.
01	1	3	125# C.I.	WAFER BUTTERFLY VA.	12FW03RS	
	2	3	1/2"	200# THRD GLOBE VA. BRASS OR BRONZE	Y050T23	
	3	2	1/2"	3000# C.S.W. 90° ELL.	A-181 GR. I OR II	
	4	2	1/2"	3000# C.S.W. PLUG	A-106 GR. B	
	5	AS REQ'D	1/2"	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B	
	6	4	5/8"	5" LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	7	4	5/8"	HEAVY HEX. NUT. CL. 2 TOL.		
	8	2	3"	FLEXITALLIC GASKET, STYLE CG, TYPE 304 SS (ASBESTOS FILLER, 1/16" THK)	A-106 GR. B	
	9	8	3/4"	1/4" LG. STUD BOLT	A-106 GR. B	
	10	16	3/4"	HEAVY HEX. NUT	A-106 GR. 2H.	
	11	1	3"	B.W. REGULATING VALVE	WRV-930	
	12	AS REQ'D	1"	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B	
	13	1	1"	2000# SCR'D. GLOBE VALVE	Y-100T23	
	14	1	1"	2000# THRD. PLUG C.S.	A-181 GR. I OR II	
	15	1	1/2"	3000# C.S. THRD. CAP		

NO.	DATE	DRN CHK	DESCRIPTION	REMARKS
1	7/17/74	JM	RELEASED HOLDS ON PC.MK-2-NSW-105-L1/2 ADDED NOTE #4, P.O.#616 & INSULATION STAMP. CHANGED QUANTITY ON ITEM #3, WAS 4, PER A.E.P. ARRGT DWG.#2-5497-4.	FIELD ACTION REQ'D
2	11/27/76	MM	ADDED VENT Y-100T23 - ARRGT DWG 2-5497-B	
3	7/21/89	EBB/DSM/LB	TO REFLECT AS-FOUND CONDITIONS FOR RFC-DC-12-3010 PER FWR#759 REV.1; ADDED 1/2" CAP, DIMS & ITEM #15 ON B/M. REVISED DIM. ADDED; SUPPORT MARK NO. & SUPERSEDES HGR. ISO.#2-GNSW-105SH.#1.	NO FIELD ACTION REQ'D

P.O.#	PIECE MARK	SITE FAB. PIECE MARK
6/6	2-NSW-105-1	2-NSW-105-L1
	-2	-L2
	-3	-L3

SUPPORT MARK NO.
2-GNSW-L79

2NSW-105 (sheet 1 of 2)
Upper Containment Ventilation
Unit 3 Supply Line

POUR/ZONE No.	A15	FLOW DIAGRAM	I-2-51141
REQUIRED COMPLETION DATE		Q.S.L.	01
FABRICATED BY	TUVECO	WELD PROCEDURE	SEE NOTE 3
NPS DESIGNS INC. NEW YORK, N.Y.		INDIANA & MICHIGAN ELECTRIC CO. DONALD C. COOK NUCLEAR PLANT	
FABRICATOR NOTE: FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS.		OWN: SG	DATE: 2-27-77
		ISSUED	DATE: 1-6-72
		REF. DWG.	2-5497
		DWG. NO.	2-NSW-105
		REV.	3
		SH.	1 OF 2

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