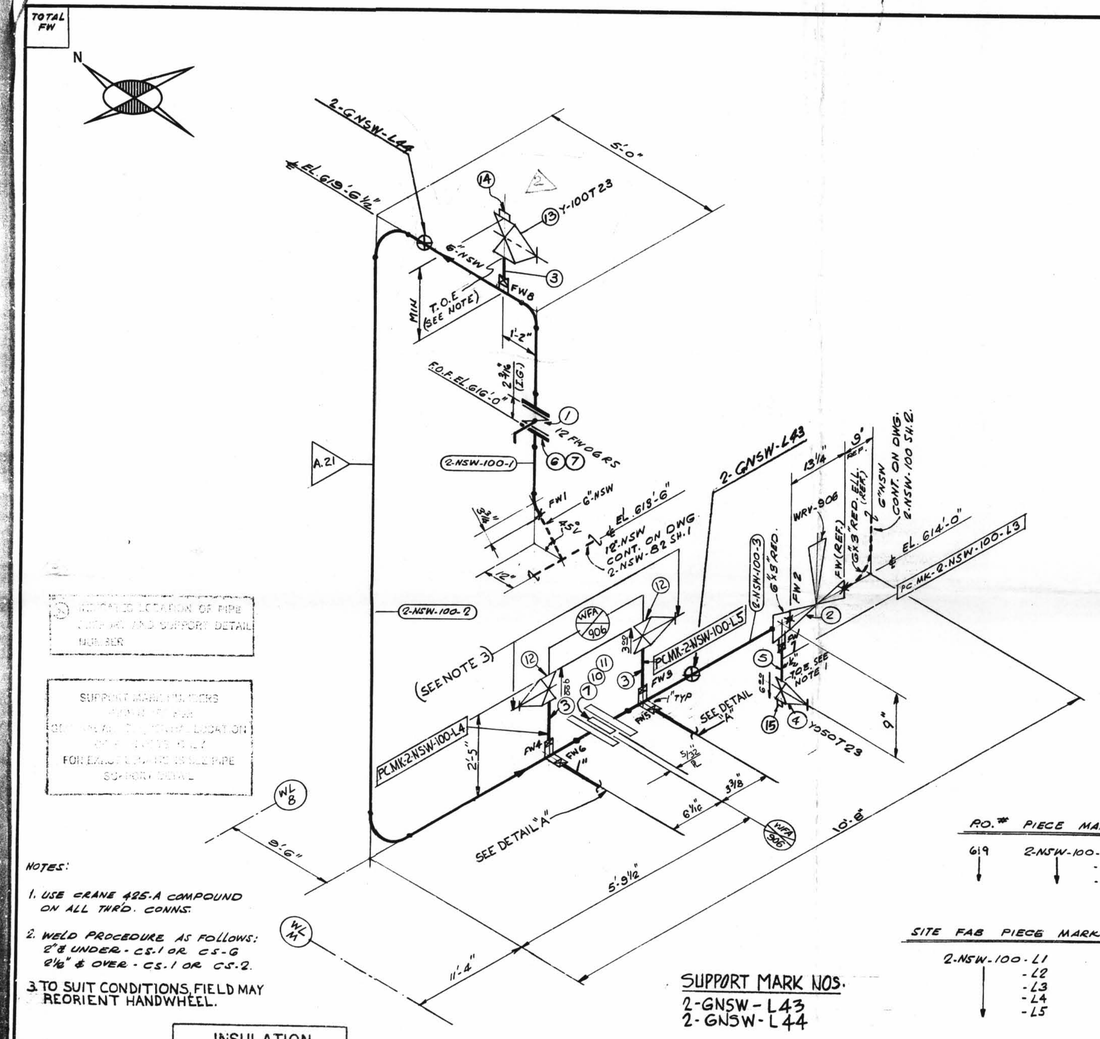


NOTES:

1. USE CRANE 425-A COMPOUND ON ALL THRD. CONNS.
2. WELD PROCEDURE AS FOLLOWS:
   2" & UNDER - CS-1 OR CS-G
   2½" & OVER - CS-1 OR CS-2.
3. TO SUIT CONDITIONS, FIELD MAY REORIENT HANDWHEEL.

SIZE	QUAN.	FW
6"	26'	1
3"	—	1
1"	4'	4
½"	1'	1

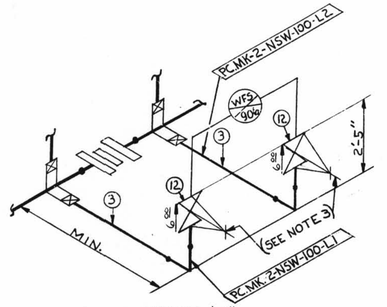
INSULATION
SPEC DCCPM450 QCS FOR REQUIREMENTS

LINE SIZE	NOM THK.IN	REMARKS
6"	1"	GLASS

SUPPORT MARK NOS.
2-GNSW-L43
2-GNSW-L44

RQ.# PIECE MARK
619 — 2-NSW-100-1, -2, -3

SITE FAB PIECE MARK
2-NSW-100-L1, -L2, -L3, -L4, -L5



DETAIL "A"

D-16A

ISO SHT. NO. 199G

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	1	6"	125# C.I. WAFER BUTTERFLY VA.	12FWDGRS	
	2	1	3"	REGULATING VALVE	WRV-906	
	3	AS REQ'D	1"	PIPE (SCH. 80) SMLS, C.S.	A106 GR. B	
	4	1	½"	200# THRD GLOBE VALVE BRASS OR BRONZE	Y050T23	
	5	AS REQ'D	½	PIPE (SCH. 80) SMLS. C.S.	A.106 GR.B.	
	6	8	⅝-11	5½" LG. HEX. HD. MACH. BOLT	A-307 GR.B	
	7	16	⅝"	HEAVY HEX. NUT. CL. 2 TOL.	A.307 GR. B.	
	8					
	9					
	10	8	¾-10	3½" LG. HEX HD. MACH. BOLT	A-307 GR. B	
	11	2	6"	1/16" THK. GASKET COMP. ASBESTOS RUBBER BONDED FULL FACE	A-351 GR. CF8 B16.21	
	12	4	1"	GLOBE-600#. S.W.C.S. VALVE	Y-100T36	
	13	1	1"	2000# SCRD. GLOBE VALVE	Y-100T23	
	14	1	1"	2000# THRD. PLUG C.S.	A181 GR1 OR II	
	15	1	½"	2000# THR'D. PLUG, C.S.		

REVISION RECORD

NO.	DATE	DRN. CHK.	DESCRIPTION	REMARKS
1	7-2-74	JM EJG	RELEASED HOLDS ON PC.MK-2-NSW-100-L1 & L2. ADDED P.O.#619, ITEM #12, NOTE #3, DETAIL "A", PC.MK-2-NSW-100-L4 & L5, AND INSULATION STAMP. VOIDED ITEMS #8 & 9. PER A.E.P. ARR'G'T. DWG. 2-5497-4.	FIELD ACTION REQ'D. —
MF 2	4/2/12	HMC	ADDED VENT Y-100T23 - ARR'G'T. DWG. 2-5497-B	
MF 3	7/14/87	EBB DONJ LD	TO REFLECT AS-FOUND CONDITIONS FOR RFC-DC-12-3010 PER FWR # 750 REV. 1 ADDED: PLUG. REVISED: B/M TO SUIT. SUPPORT MARK NOS. & SUPERSEDES HGR. ISO. # 2-GNSW-100 SH. #1	NO FIELD ACTION REQ'D.

DESIGN SPEC.	DCCPM 102 QCS	POUR/ZONE No. A15	FLOW DIAGRAM 1-2-5114A
HANGER SEISMIC CLASS	II	REQUIRED COMPLETION DATE	Q.S.L. 01
TEST REQUIREMENTS	QL 1	FABRICATED BY TUBECO	WELD PROCEDURE SEE NOTE 2
MATERIAL CLASS	A.21 SPEC. 104		

P.O. = WORKING POINT; P.O.E. = PLAIN ONE END; P.O.B. = PLAIN BOTH ENDS; T.O.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.O.E. = BEVEL BOTH ENDS; P.O.E. = PLAIN ONE END; T.O.E. = THREAD ONE END; S.O.E. = SHAPE ONE END; S.O.P. = SHAPE BOTH ENDS; B.O.P. = BOTTOM OF PIPE ELEV.

FW = FIELD WELD; H = HORIZONTAL; V = VERTICAL; SW = SHOP WELD; FSW = FIELD SHOP WELD

S = FIELD WELD; A = AUTOMATIC SHOP WELD; M = MANUAL SHOP WELD; V = VERIFY DIMENSION IN FIELD

PIPE

A-53	A-106 GR. B	A-376	A-312
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

NPS DESIGNS INC.
NEW YORK N.Y.

2NSW-100 (sheet 1 of 2)
Lower Containment Ventilation
Unit 2 Supply Line

INDIANA & MICHIGAN ELECTRIC CO.
DONALD C. COOK NUCLEAR PLANT

DWN. SG	DATE 12.7.71	AUXILIARY BLDG.	
CKD. GN	DATE 12-20-71	DWG. NO. 2-NSW-100 SH. 1 OF 2.	REV. 3
ISSUED			
REF. DWG. 2-5497			