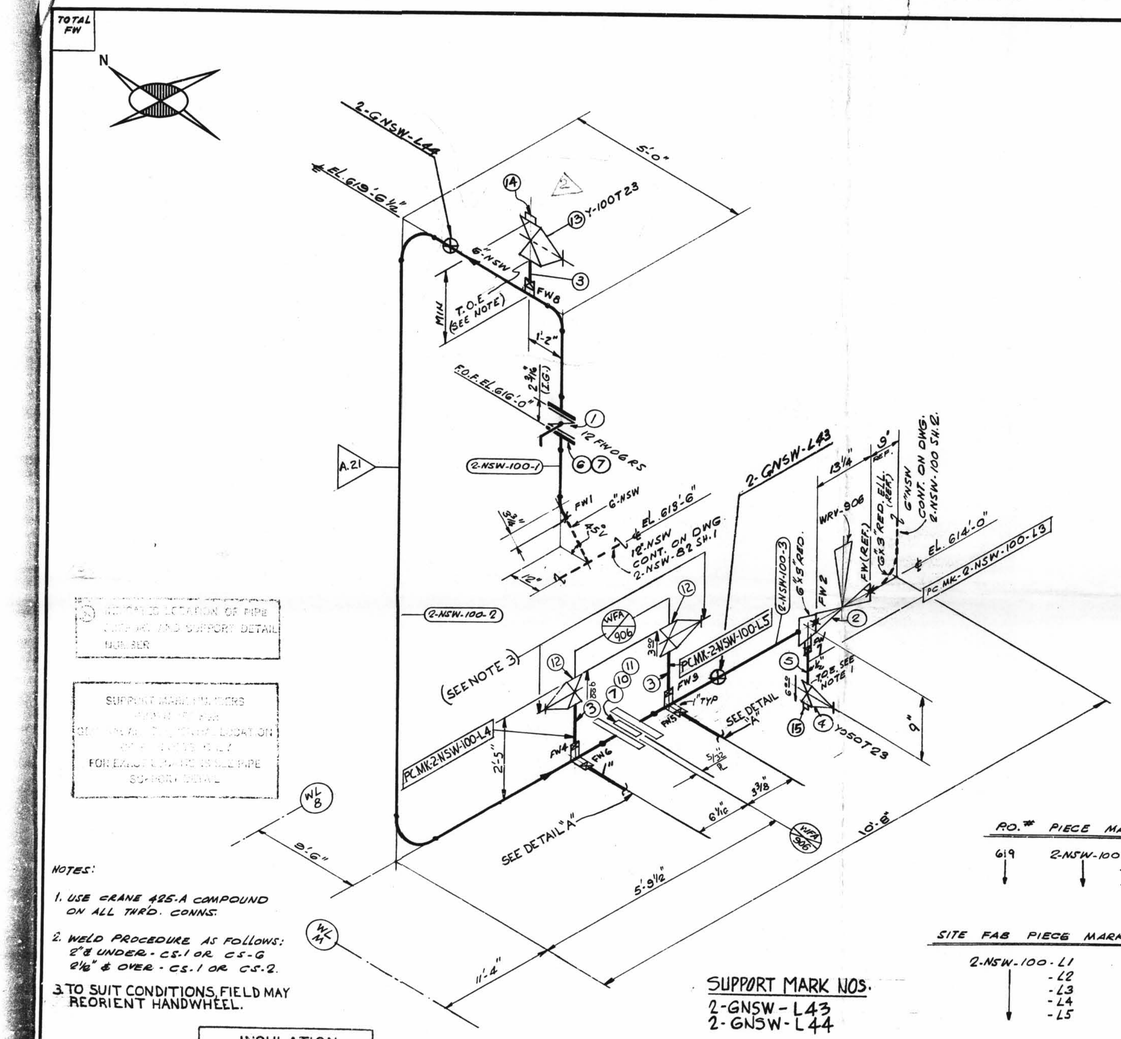
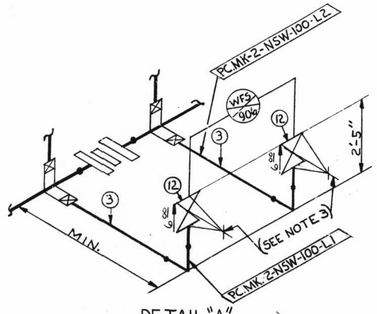
ISO SHT. NO. 199G

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	1	6"	125# C.I. WAFER BUTTERFLY VA.	12FW06RS	
	2	1	3"	REGULATING VALVE	WRV-906	
	3	AS REQ'D	1"	PIPE (SCH. 80) SMLS, C.S.	A106 GR. B	
	4	1	1/2"	200# THRD GLOBE VALVE BRASS OR BRONZE	Y050T23	
	5	AS REQ'D	1/2	PIPE (SCH. 80) SMLS. C.S.	A106 GR. B.	
	6	8	3/4"ϕ	5 1/2" LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	7	16	3/4"	HEAVY HEX. NUT. CL. 2 TOL.	A-307 GR. B.	
	8					
	9					
	10	8	3/4"ϕ	3 1/2" LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	11	2	6"	1/16" THK. GASKET COMP. ASBESTOS, RUBBER BONDED FULL FACE	A-351 B16.21	
	12	4	1"	GLOBE-600#-SW.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	1/2"	2000# THR'D. PLUG, C.S.		

REVISION RECORD

NO.	DATE	DRN. CHK.	DESCRIPTION	REMARKS
1	7-2-74	JM / E.J.G.	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. ARRG'T. DWG. 2-5497-4.	FIELD ACTION REQ'D —
MF 2	1/2/78	HMC	ADDED VENT Y-100T23 – ARRG'T. DWG. 2-5497-B	
MF 3	7/12/89	EBB / DOM / LB	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.





DETAIL "A"

D-16A

NOTES:

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

P.O.#	PIECE MARK
619	2-NSW-100-1
	-2
	-3

SITE FAB PIECE MARK

2-NSW-100-L1
-L2
-L3
-L4
-L5

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

SIZE	QUAN.	FW
6"	26'	1
3"	—	1
1"	4'	4
1/2"	1'	1

INSULATION

SPEC DCCPM450 QCS FOR REQUIREMENTS

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

DESIGN SPEC.	DCCPM 102 QCS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	QL 1
MATERIAL CLASS	A.21 SPEC. 104

P.O. = POSSING POINT; P.O.F. = POINT OF FIXED; T.O.E. = THREAD OUTS ENDS; B.O.E. = BEVEL ONE END; T.O.F. = TOP OF PIPE ELEV.; Q.S.L. = MATERIAL QUALITY REQUIREMENTS; T.L. = TRUE LENGTH; B.S.E. = BEVEL BOTH ENDS; P.O.E. = PLAIN ONE END; T.O.B. = THREAD OUTS BOTH ENDS; S.O.E. = SHAPE ONE END; S.O.B. = SHAPE BOTH ENDS; B.O.P. = BOTTOM OF PIPE ELEV.; FW = FIELD WELD; H = HORIZONTAL; V = VERTICAL; SW = SHOP WELD; FSW = FIELD SHOP WELD; B = FIELD WELD; O = AUTOMATIC SHOP WELD; S = 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. N/A. | M.T. | P.T. | R.T. | U.T.

PRESSURE TEST: MED. | PRESS. | DURATION

ADDITIONAL

POUR/ZONE No. A15 — FLOW DIAGRAM 1-2-5114A
REQUIRED COMPLETION DATE — Q.S.L. 01
FABRICATED BY TUBECO — WELD PROCEDURE SEE NOTE 2

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 12-28-71 DWG. NO. 2-NSW-100 SH. 1 OF 2. REV. 3
ISSUED
REF. DWG. 2-5497