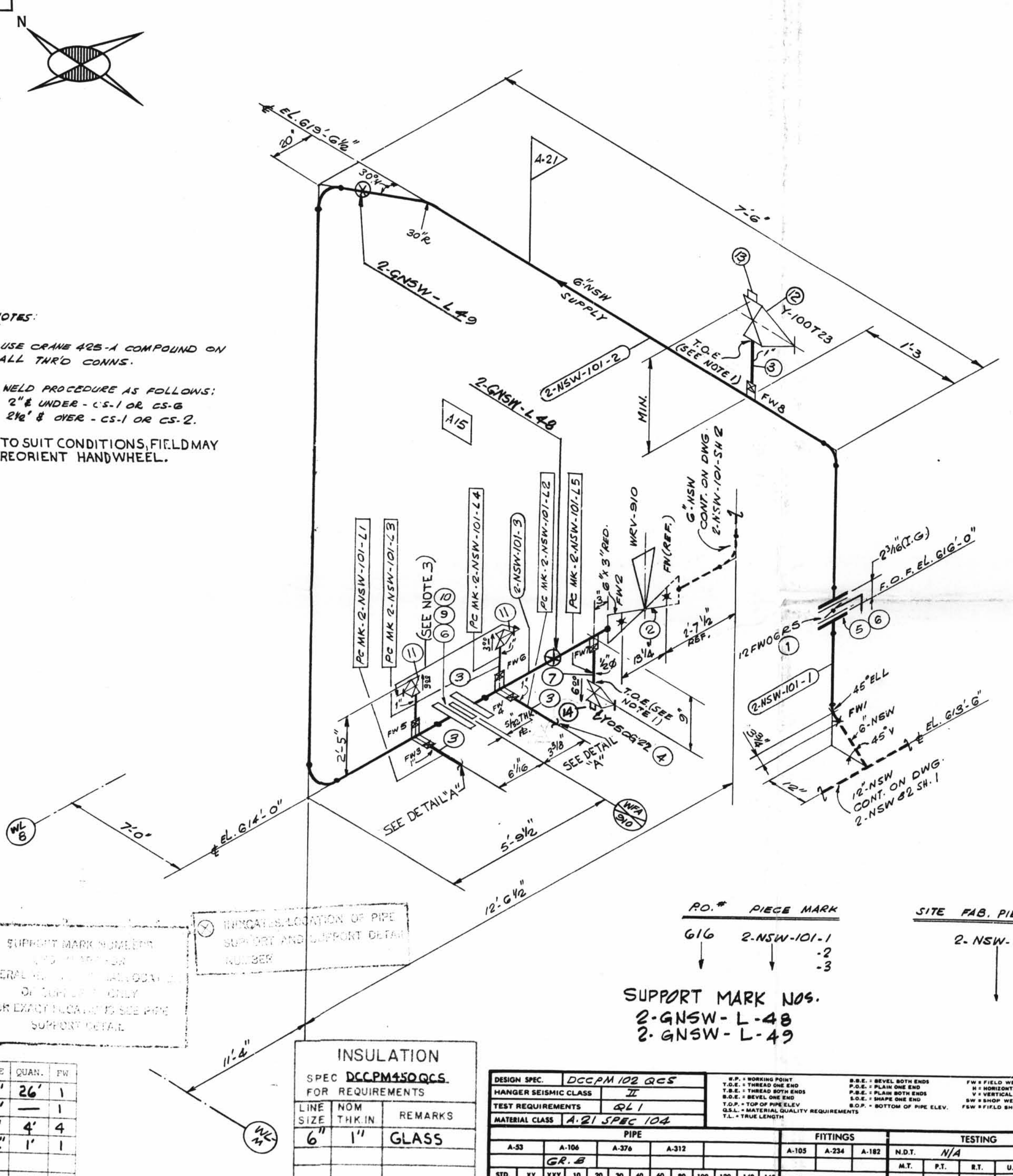
TOTAL FW



NOTES:

1. USE CRANE 425-A COMPOUND ON ALL THR'D 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.

P.O.#	PIECE MARK
616	2-NSW-101-1
	-2
	-3

SITE FAB. PIECE MARK
2-NSW-101-L1
-L2
-L3
-L4
-L5

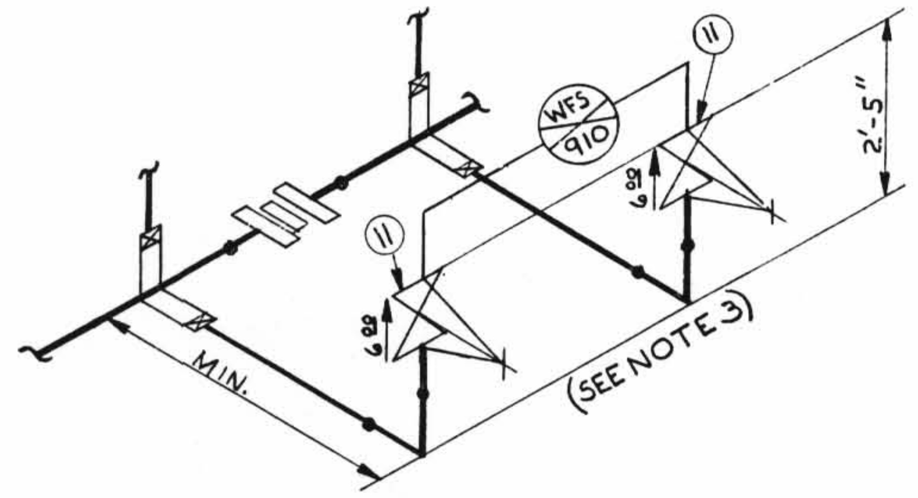
SUPPORT MARK NOS.
2-GNSW-L-48
2-GNSW-L-49

ISO SHT. NO. 1998

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	1	6"	125# C.I. WAFER BUTTERFLY VA	12FWOGRS	
	2	1	3"	REGULATING VALVE	WRV-910	
	3	AS REQ'D	1"	PIPE (SCH. 80) SMLS. C.S.	A.106 GR. B.	
	4	1	½"	200# THR'D GLOBE VA. BRASS OR BRONZE	Y050G22	
	5	8	¾"φ	5½" LG. HEX. HD. MACH. BOLT	A-307GR. B	
	6	16	¾"	HEAVY HEX. NUT CL. 2 TOL.	A-307GR. B.	
	7	AS REQ'D	½"	PIPE (SCH. 80) SMLS C.S.	A.106 GR. B	
	8					
	9	8	¾"φ	3½" LG. HEX. HD. MACH. BOLT.	A.307 GR. B.	
	10	2	6	1/16" THK, FULL FACE, COMP. ASBESTOS RUBBER BONDED GASKET.	ANSI B16.21	
	11	4	1"	GLOBE-600# S.W.C.S. VALVE	Y-100T36	
	12	1	1"	2000# SCR'D GLOBE VALVE	Y-100T23	
	13	1	1"	2000# THR'D PLUG C.S.	A181 GR I OR II	
	14	1	½"	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-101-L1-L2, -L3,-&-L4. ADDED ITEM#11, NOTE#3, P.O.#616 DET."A" & INSULATION STAMP. VOIDED ITEM #11. PER A.E.P. ARRG'T. DWG. 2-5497-4.	FIELD ACTION REQ'D
2	1/17/76	MC	ADDED VENT Y-100T23 - ARRGT. DWG. 2-5497-8	
3	7/12/89	EBB DOM / LB	TO REFLECT AS-FOUND CONDITIONS FOR RFC-DC-12-3010 PER FWR #759 REV. 1. ADDED: PLUG & ITEM #14 ON B/M. REVISED: B/M ITEM #4. ADDED: SUPPORT MARK NOS. & SUPESEDES HGR. ISO. #2-GNSW-101 SH. #1.	NO FIELD ACTION REQ'D.



DETAIL "A"

2NSW-101 (sheet 1 of 2)
Lower Containment Ventilation
Unit 3 Supply Line

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

INSULATION
SPEC DCCPM450QCS
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

W.P. = WORKING 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; ■ = FIELD WELD; ● = AUTOMATIC SHOP WELD; ● = MANUAL SHOP WELD; ■ = VERIFY DIMENSION IN FIELD

PIPE: A-53 | A-106 GR. B | A-376 | A-312
STD. | XY | XXY | 10 | 20 | 30 | 40 (X) | 60 | 80 | 100 | 120 | 140 | 160
SMLS (X) | 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
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO
FLOW DIAGRAM 1-2-5114A
Q.S.L. 01
WELD PROCEDURE SEE NOTE 2

NPS DESIGNS INC.
NEW YORK, N.Y.

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

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

DWN: SG | DATE: 12-8-71 | AUXILIARY BLDG.
CKD: GN | DATE: 1-6-71
ISSUED
REF. DWG. 2-5497
DWG. NO. 2-NSW-101 SH. 1 OF 2 | REV. 3

D-17A