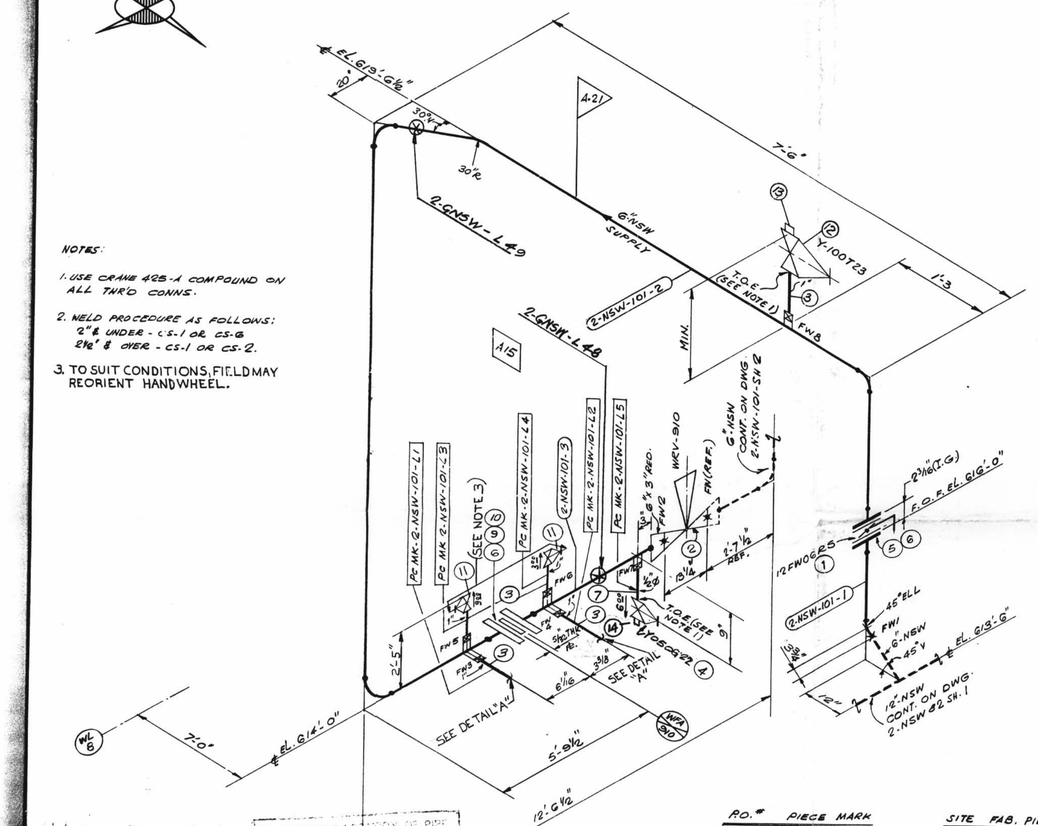
ISO SHT. NO. 1998

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	1	6"	125# C.I. WAFER BUTTERFLY VA	12FW0GRS	
	2	1	3"	REGULATING VALVE	WRV-910	
	3	AS REQ'D	1"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B.	
	4	1	1/2"	200# THRD GLOBE VA. BRASS OR BRONZE	Y0509 22	
	5	8	3/4"ϕ	5 1/2" LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	6	16	3/4"	HEAVY HEX. NUT CL. 2 TOL.	A-307 GR. B.	
	7	AS REQ'D	1/2"	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B	
	8					
	9	8	3/4"ϕ	3 1/2" 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# SCRD GLOBE VALVE	Y-100T23	
	13	1	1"	2000# THRD PLUG C.S.	R181 GR. 3 OR II	
	14	1	1/2"	2000# THRD. PLUG, C.S.		

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.# G16 DET. "A" & INSULATION STAMP. VOIDED ITEM #11. PER A.E.P. ARRG'T, DWG. 2-5497-4.	FIELD ACTION REQ'D.
2	7/10/76	MMC	ADDED VENT Y-100T23 - ARRG'T DWG. 2-5497-8	
3	7/12/89	EBB DSW LB	TO REFLECT AS-FOUND CONDITIONS FOR RFC-DC-12-2010 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.

NOTES:

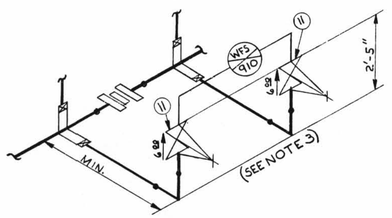
1. USE CRANE 425-A COMPOUND ON ALL THR'D CONNS.
2. WELD PROCEDURE AS FOLLOWS:
   2" & UNDER - CS-1 OR CS-6
   2 1/2" & OVER - CS-1 OR CS-2.
3. TO SUIT CONDITIONS, FIELD MAY REORIENT HANDWHEEL.



P.O.#	PIECE MARK
G16	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



DETAIL "A"

SUPPORT MARK NUMBERS [illegible] GENERAL [illegible] OF SUPPORT ONLY. FOR EXACT LOCATION SEE PIPE SUPPORT DETAIL

TYPICAL LOCATION OF PIPE SUPPORT AND SUPPORT DETAIL NUMBER

SIZE	QUAN.	FW
6"	26'	1
3"	—	1
1"	4'	4
1/2"	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	QL1
MATERIAL CLASS	A-21 SPEC 104

K.P. = WORKING POINT
T.B.E. = THREAD BOTH ENDS
S.B.E. = BEVEL 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.B.E. = PLAIN BOTH ENDS
P.O.E. = PLAIN ONE END
S.O.E. = SOCKET 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
O = AUTOMATIC SHOP WELD
X = 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	60	80	100	120	140	160		
						X								
SMLS	WLDD													
X														

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

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

D-17A