

NOTES:

1. USE CRANE 425A OR GRINNELL 1698 COMPOUND ON ALL THREADED CONNS.
2. WELD PROCEDURE AS FOLLOWS:
 C/S 2 1/2" & UNDER = CS-6
 C/S 3" & OVER UP TO 3/4" WALL = CS-1 OR CS-2
 3/4" WALL & UP = CS-5

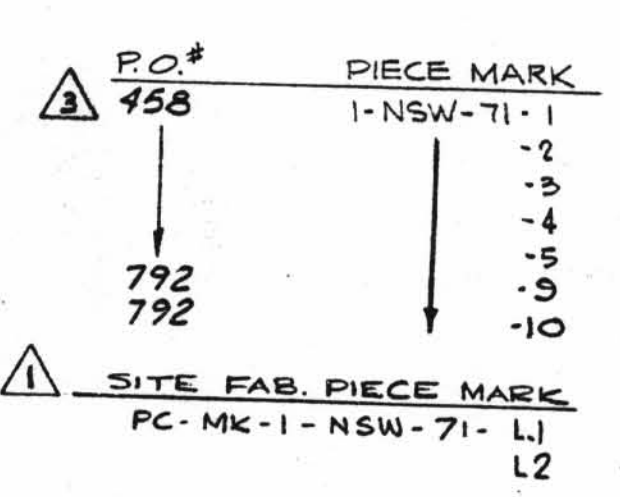
MATERIAL ISO SH No. 1396

OSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT.	HEAT NO.
01	1	1	3"	125" C.I. FLGD GATE VA.	12GF03R2	
	2	2	3"	1/8 THK. 150 FF GASK. COMP. ASBESTOS RUBBER BONDED		
	3	8	3/8"	3" LG. HEX. HD. MACH. BOLT.	A307GR B	
	4	8	3/8"	HEAVY HEX. HD. NUT CL. 2 TOL.	A307GR B	
	5	2	1 1/2"	3000" C.S. SW 90° ELL.	A106 OR A105 GR. I OR II	
	6	2	1 1/2"	150" RF SW FLG.	A106 OR A105 GR. I OR II	
	7	2	1 1/2"	1/8 THK. 150" FF GASK. COMP. ASBESTOS RUBBER MOUNTED		
	8	8	3/8"	2 1/4" LG. HEX. HD. MACH. BOLT.	A307GR B	
	9	8	3/8"	HEAVY HEX. HD. NUT CL. 2 TOL.	A307GR B	
	10	AS REQ.	1 1/2"	SMLS. C.S. PIPE SCH 80	A106 GR B	
	11	2	1"	200" THD BRONZE GLOBE VA.	Y-100T23	
	12	2	1"	3000" CS THD PLUG	A-181 GR. I OR II	
	13	2	1 1/2"	SW RED. INSERT		
	14	2	1 1/2"	SW TEE		
	15	AS REQ.	1"	PIPE (SCH. 80) SMLS CS	A-106 GR. I OR II	
	16	AS REQ.	3"	PIPE (SCH. 40) SMLS CS	A-106 GR. I OR II	
	17	2	3"	90° ELL (SCH. 40) SMLS CS	A-106 GR. I OR II	
	18	1	3"	45° ELL (SCH. 40) SMLS CS	A-106 GR. I OR II	

1	1/10	CRW	ADDED: SPOOLS 9 & 10; PC. MK 1-NSW-71-L1 & L2; BILL OF MATL. ITEMS 1 THRU 10. PER AEP DWG 1-5740-REV I. ADDED REF. DWG. 1-5740. REVISIONS BY NPS DESIGNS	FIELD ACTION REQ	FAB ACTION REQ
2			BY FIELD		
3	1/31	J.R.	ADDED: 1" VENTS & REWORKED PCS. 1-NSW-71-L1 & L2 TO SUIT. ADDED ITEMS 11 THRU 18 & CHG'D QTY OF ITEM 8. ADDED NOTE 1 & AEP ARRGT. DWG. 1-5740-REV. 5	FIELD ACTION REQ	
4	3/15	J.R.	REVISED BY N.P.S. DESIGNS. REVISED PC. MK. 1-NSW-71-L1. ADDED FIELD NOTE, FW'S, B.I.H. ITEMS TO PER AEP ARRGT. DWG. 1-5489A REVA	FIELD ACTION REQ	
5	10/19	LR	REVISED BY N.P.S. DESIGNS. ADDED: NOTE 2, DIMS. 14" 7'0" DIM. WAS 14.5" MIN. B.I.S. WAS 7'9" 4.5 DIM. WAS 45'0" PER AS BUILT DIMS. A.E.P. DWG. NOS. 1-5489A-A & 1-5740-6	NO ACTION REQ'D.	

1-NSW-71 (Sheet 1 of 2)
Upper Containment Ventilation Unit 2 Return Line

D-57A



LABOR COST CONTROL		LABOR COST CONTROL	
USE ONLY WITH		USE ONLY WITH	
PIPE SIZE		PIPE SIZE	
SCHEDULE		SCHEDULE	
TYPE		TYPE	
ISO START DATE		ISO START DATE	
ISO FINISH DATE		ISO FINISH DATE	
WORK OPERATION	LINE ITEM NUMBER	WORK OPERATION	LINE ITEM NUMBER
HANGER INST.		HANGER INST.	
ERECT		ERECT	
WELD		WELD	
RADIO-G - X-RAY		RADIO-G - X-RAY	
STRESS RELIEVE		STRESS RELIEVE	
MISC. WORK		MISC. WORK	

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

SIZE	QUAN.	FW
3"	85-6	7
2"	5-0	2

DESIGN SPEC.		DCCPM102QCS	
HANGER SEISMIC CLASS		II	
TEST REQUIREMENTS		N/A	
MATERIAL CLASS		A-21 SP-10.4	
PIPE			
A-33	A-106	A-376	A-312
GR. B			
STD.	XY	XXY	10 20 30 40 60 80 100 120 140 160
SMLS WLD			
FITTINGS			
A-105	A-234	A-182	N.D.T. N/A
TESTING			
M.T.	P.T.	S.T.	U.T.
ADDITIONAL			
PRESSURE TEST			
MED. PRESS. DURATION			

POUR/ZONE No. 163, 167, 1610		FLOW DIAGRAM 1-2-5114A	
REQUIRED COMPLETION DATE		DATE	DESCRIPTION
FABRICATED BY TUBECO		NO.	DATE
REVISION RECORD			
LIVSEY & COMPANY, INC.			
DONALD C. COOK NUCLEAR PLANT			
DWN: LGR	DATE: 7-20-71	CONTAINMENT BLDG	
CKD: GN	DATE: 7-21-71	DWG. NO.	
ISSUED			
REF. DWG. 1-5489A			
1-NSW-71			
SH: 1 OF 2			
1-5740			