



TOTAL FW 2

FOR REV. 2 ONLY

SIZE	QUAN.	FW
6"	1	2
1"	1	2

NOTES:

- USE CRANE 425-A COMPOUND ON ALL THRD CONNECTIONS.
- WELD PROCEDURE AS FOLLOWS:  
6/8 2" & UNDER -  
4/5 2 1/2" & OVER -

SIZE	QUAN.	FW
6"	23	1
1"	4	22
1/2"	1	1

- PROVIDE BI-METALLIC WELDS (STAINLESS STEEL-CARBON STEEL)
- REMOVE BONNET ASSEMBLY BEFORE WELDING VALVE BODY TO PIPE LINE

SUPPORT MARK NOS.  
2-GNSW-R900  
2-GNSW-R901

SITE FAB. PC MARKS      PO# PIECE MARKS

2-NSW-123-L2  
-L3  
-L4  
-L5

2-NSW-123-4  
-5

ISO SHT. NO. 2125

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG NO. OR ASTM MAT'L.	HEAT NO.
01	1	1	1/2"	200# SCRD. GLOBE VA. BRASS	Y050723	
	2	5	1"	200# SCRD. GLOBE VA. OR BRASS	Y100723	
	3	8	1"	3000# S.W. C.S. 90° ELL	A-181	
	4				A-181	
	5	AS REQD	1"	PIPE (SCH. 80) SMLS. C.S.	A-105	DELETED
	6	AS REQD	1/2"	PIPE (SCH. 80) SMLS. C.S.	A-105	
	7	2	6"	1/8" THK FULL FACE COMP. ASBESTOS RUBBER BONDED GASKET	A-307	
	8	344	3/4" LG.	HEX. HD. MACH. BOLT.	A-307	
	9	16	3/4"	HEAVY HEX. NUT CL. 2 TOL.	A-307	
	10	8	3/4"	5/8" LG. HEX. HD. MACH. BOLT.	A-307	
	11	1	6"	125" C.I. WAFER BUTTERFLY VALVE	WCR-915	
	12	1	1"	BI-METAL THERM WELL	WTI-915	
	13	1	6"	B.W. DIAPH. CONTROL VA. S.S.	WCR-915	
	14	1	1"	3000# THRD. PLUG, C.S.	A-181	
	15	1	1/2"	3000# THRD. PLUG, C.S.	A-181	

REVISION RECORD

NO.	DATE	DR. CHK.	DESCRIPTION	REMARKS
1	1/2/6	D.R. B.R.	REVISED BY AEP DESIGN: PER RFC-DC-12-671: ADDED; 6" B.W. CONTROL VALVE-WCR-915, 1" VENT. VALVE US Y100723.	ACTION REQ'D.
2	9/1/6	J.L. DR.	PER RFC DC-12-2549: ADDED: PIPE SPEC G-14 DIM'S, PC. MK. #6, WELD BOX NOTES 3 & 4, FIELD WELDS 25 & 26. REVISED: ITEM NO. 13 IN B/M.	FIELD ACTION REQ'D
3	9/1/6	K.A. DR.	PER RFC DC-12-2549 RELOCATED TEST CONN. DIM. 3" WAS 3"	FIELD ACTION REQ'D
4	9/1/6	S.B. DR.	PER RFC DC-12-2549 RELOCATED VALVE WCR-915 DIM. 9" WAS 11 1/8", ADDED DIM. 6" DELETED FW 26 & PC. MK-2-NSW-123-6. ROTATED VA WCR-915 10° TO SOUTH.	FIELD ACTION REQ'D.
5	7/1/69	E.B. DR.	TO REFLECT AS-FOUND CONDITIONS FOR RFC DC-12-3010 PER PWR# 753 REV. 1 ADDED: PLUGS & ITEM 14 & 15 ON B/M. DELETED: CAP & ITEM NO. 4 ON B/M. ADDED: SUPPORT MARK NOS. & SUPERSEDES HGR. 150. # 2-GNSW-123 SH. # 2	NO FIELD ACTION REQ'D.

D-32B

2NSW-123 (sheet 2 of 2)  
Lower Containment Ventilation  
Unit 2 Return Line

DESIGN SPEC.		HANGER SEISMIC CLASS		TEST REQUIREMENTS		MATERIAL CLASS		PIPE		FITTINGS		TESTING		ADDITIONAL	
OCCPM 102 QOS		II		N/A		A-21 SPEC. 104		A-33 A-106 A-376 A-312		A-105 A-234 A-182		N.D.T. N/A			
								STD. XY XXY 10 20 30 40 60 80 100 120 140 160		A-403 A-181		PRESSURE TEST			
								SMLS WLD				MED. PRESS. DURATION			

POUR/ZONE No. 2CS		FLOW DIAGRAM 2-5114A	
REQUIRED COMPLETION DATE		O.S.L. 01	
FABRICATED BY TUBECO		WELD PROCEDURE SEE NOTE 2	
NPS DESIGNS INC. NEW YORK, N.Y.		LIVSEY & COMPANY, INC. INDIANA & MICHIGAN ELECTRIC CO. DONALD C. COOK NUCLEAR PLANT	
FABRICATOR NOTE: FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS.		DWN. SG DATE: 11/7/72 CKD: LDB DATE: 3/4/73 ISSUED REF. DWG. P.5497A	
		CONTAIN. VICINITY DWG. NO. 2-NSW-123 SN. 2 OF 2. REV. 5	