



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

**NOTES:**

- USE CRANE 425-A COMPOUND ON ALL THRD CONNECTIONS.
- WELD PROCEDURE AS FOLLOWS:  
 3/8" & UNDER -  
 4/5 2/6" & OVER -
- PROVIDE BI-METALLIC WELDS (STAINLESS STEEL-CARBON STEEL)
- REMOVE BONNET ASSEMBLY BEFORE WELDING VALVE BODY TO PIPE LINE

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

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

**SITE FAB. PC.MARKS**     **PO# PIECE MARKS**  
 2-NSW-123-L2  
 -L3  
 -L4  
 -L5

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG NO. OR ASTM MAT'L.	HEAT NO.
01	1	1	1/2"	200# SGRD. GLOBE VA BRASS	Y050723	
	2	5	1"	200# SGRD. GLOBE VA BRASS	Y100723	
	3	8	1"	3000# S.W. C.S. 90° ELL	A-181	
	4					DELETED
	5	4	1"	PIPE (SCH. 80) SMLS. C.S.	A-105	
	6	4	1/2"	PIPE (SCH. 80) SMLS. C.S.		
	7	2	6"	1/8" THK FULL FACE CONA ASBESTOS RUBBER BONDED GASKET		
	8	8	3/4"	3/4" LG. HEX. HD. MACH. BOLT.	A-307	
	9	16	3/4"	HEAVY HEX. NUT CL. 2 TOL.		
	10	8	3/4"	5/8" LG. HEX. HD. MACH. BOLT.		
	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.	GR-LOR II	

NO.	DATE	DR. CHK.	DESCRIPTION	REMARKS
1	1/2/72	B.R.	REVISED BY AEP DESIGN: PER RFC-DC-12-671: ADDED; 6" B.W. CONTROL VALVE-WCR-915, 1" VENT. VALVE WCR-916	ACTION REQ'D.
2	9/11/72	J.L.	PER RFC DC-12-2549: ADDED: PIPE SPEC-G-4 DIM'S, P.C. MK. #6, WELD BOX, NOTES 3 & 4, FIELD WELDS 25 & 26. REVISED: ITEM NO. 13 IN B/M	FIELD ACTION REQ'D.
3	9/21/72	K.A.	PER RFC DC-12-2549 RELOCATED TEST CONN: DIM. 3" WAS 3"	FIELD ACTION REQ'D.
4	10/2/72	S.G.	PER RFC DC-12-2549 RELOCATED VALVE WCR-915 DIM. 9" WAS 11 1/8", ADDED DIM. 6" DELETED FW 26 & P.C. MK-2-NSW-123-6. ROTATED VA WCR-915 10° TO SOUTH.	FIELD ACTION REQ'D.
5	7/12/79	F.B.S.	TO REFLECT AS-FOUND CONDITIONS FOR RFC DC-12-3010 PER PWR # 759 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.

DESIGN SPEC.	OCCPM 102 Q05	A.P. WORKING POINT	B.B.E. BEVEL BOTH ENDS	FW FIELD WELD	F FIELD WELD
HANGER SEISMIC CLASS	II	T.S.E. T TYPED ONE END	P.B.E. BEVEL ONE END	H HORIZONTAL	A AUTOMATIC SHOP WELD
TEST REQUIREMENTS	N/A	T.B.E. T TYPED BOTH ENDS	P.B.E. BEVEL BOTH ENDS	V VERTICAL	S SHOP WELD
MATERIAL CLASS	A-21 SPEC. 104	B.S.E. BEVEL ONE END	T.O.P. TOP OF PIPE ELEV.	SW SHOP WELD	F FIELD WELD
PIPE	A-53 A-106 A-376 A-312	B.B.P. BOTTOM OF PIPE ELEV.	Q.S.L. MATERIAL QUALITY REQUIREMENTS	FW FIELD SHOP WELD	
FITTINGS	A-105 A-234 A-182	T.L. TRUE LENGTH			
TESTING	N.D.T. N/A				
ADDITIONAL					
PIPE	A-53 A-106 A-376 A-312				
FITTINGS	A-105 A-234 A-182				
TESTING	N.D.T. N/A				
ADDITIONAL					

POUR/ZONE No. 225	FLOW DIAGRAM 2-5114A
REQUIRED COMPLETION DATE	Q.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: 11/72 CONTAIN. VICINITY CKD. LDB DATE: 3/72 DWG. NO. 2-NSW-123 ISSUED DATE: 3/72 SH. 2 OF 2 REV. 5
	REF. DWG. P.5497A

D-32B

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