



MATERIAL					
QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L.
	1	2	1 1/2"	150# RF SW. FLG. SCH. 80	A181 GR. 1or II
	2	2	1 1/2"	1/8" THK 150# F.F. GASK. COMP. ASBESTOS RUBBER BONDED	
	3	8	1/2" x 2 1/4"	LG. HEX. HD. MACH. BOLTS	A-307 GR. B
	4	8	1/2"	HEAVY HEX NUTS CL 2 TOL	A-307 GR. B
	5	1	3"	125# C.I. FLG'D GATE VA.	12GF03 RZ
	6	2	3"	1/8" THK 150# F.F. GASK. COMP. ASBESTOS RUBBER BONDED	
	7	8	3/8" x 3"	LG. HEX. HD. MACH. BOLTS	A-307 GR. B
	8	8	3/8"	HEAVY HEX. NUTS CL 2 TOL	A-307 GR. B
	9	1	1"	200# THD BRONZE GLOBE VA.	Y.100T23
	10	1	1"	3000# C.S. THD CAP	A181 GR. 1or II
	11	AS REQ'D	1"	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B
	12	AS REQ'D	1 1/2"	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B
	13	2	1 1/2"	3000# C.S. SW. 90° ELL	1B16R1 02 II
	14	AS REQ'D	2"	C.S. PIPE (SCH. 80) SMLS	A-106 GR. B
	15	1	2"	3000# CAP C.S. S.W.E.	SA-185 OR SA-181 CLASS 80 OR 70

- HANGER MARK NO.'S**
- 2-GNSW-R-543
 - 2-GNSW-R-544
 - 2-ANSW-R-544A
 - 2-GNSW-R-545
 - 2-GNSW-R-546
 - 2-GNSW-R-546
 - 2-ANSW-R-546
 - 2-GNSW-R-563
 - 2-GNSW-R-564
 - 2-ANSW-R-599

D-46B

2-NSW-132 (Sheet 2 of 2)
Upper Containment Ventilation
Unit 3 Supply Line

REV.	DATE	DESCRIPTION	FIELD STATUS
4	11/20/78	REVISED: CORRECT LOCATION FOR CPS-153 FROM CONTAINMENT WALL TO CRANE WALL PER 12-DCP-860 A/B 023130. DLS/ c.c./jps	NO FIELD ACTION REQ'D.
3	11-25-97	THIS DRAWING HAS BEEN CONVERTED FROM A MANUAL FORMAT TO THE IGS-SCANNED DRAWING FORMAT AND SUPERSEDES ALL PREVIOUS REVISIONS. ADDED: 2" CAP, ITEMS 14 AND 15 TO B/M, PER 12-DCP-0860. WS/DDM/PCM	FIELD ACTION REQ'D

NOTE:
1. USE CRANE 425A OR GRINNELL 169B COMPOUND ON ALL THREADED CONNS.

⊗ INDICATES LOCATION OF PIPE SUPPORT AND SUPPORT DETAIL NUMBER

SUPPORT MARK NUMBERS SHOWN ARE FOR GENERAL AND SEQUENTIAL LOCATION OF SUPPORTS ONLY FOR EXACT LOCATIONS SEE PIPE SUPPORT DETAIL

MATERIAL SPEC. DCCPM102QCS	W.P. - WORKING POINT	B.B.E. - BEVEL BOTH ENDS	FW - FIELD WELD	⊗ - FIELD WELD
HANGER SEISMIC CLASS II	T.O.E. - THREAD ONE END	P.O.E. - PLAIN ONE END	H - HORIZONTAL	○ - AUTOMATIC SHOP WELD
TEST REQUIREMENTS N/A	T.B.E. - TAPPED BEVEL END	P.B.E. - PLAIN BOTH ENDS	V - VERTICAL	● - MANUAL SHOP WELD
MATERIAL CLASS IA-21 SPEC. 104	B.O.E. - BEVEL ONE END	S.O.E. - SHARP ONE END	SW - SHOP WELD	■ - VERIFY DIMENSION IN FIELD
	T.O.P. - TOP OF PIPE ELEV.	B.O.P. - BOTTOM OF PIPE ELEV.	FSW - FIELD SHOP WELD	
	Q.S.L. - MATERIAL QUALITY REQUIREMENTS	T.L. - TRUE LENGTH		

INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK
NUCLEAR PLANT
BRIDGMAN MICHIGAN

FOR SIGNATURE RECORD
SEE MICROFILM COPY OF ISO. 2-NSW-132 SH.2 REV.2

DWG. No. 2-NSW-132
REV. 4
AEP SERVICE CORP.
1 RIVERSIDE PLAZA
COLUMBUS, OH 43216