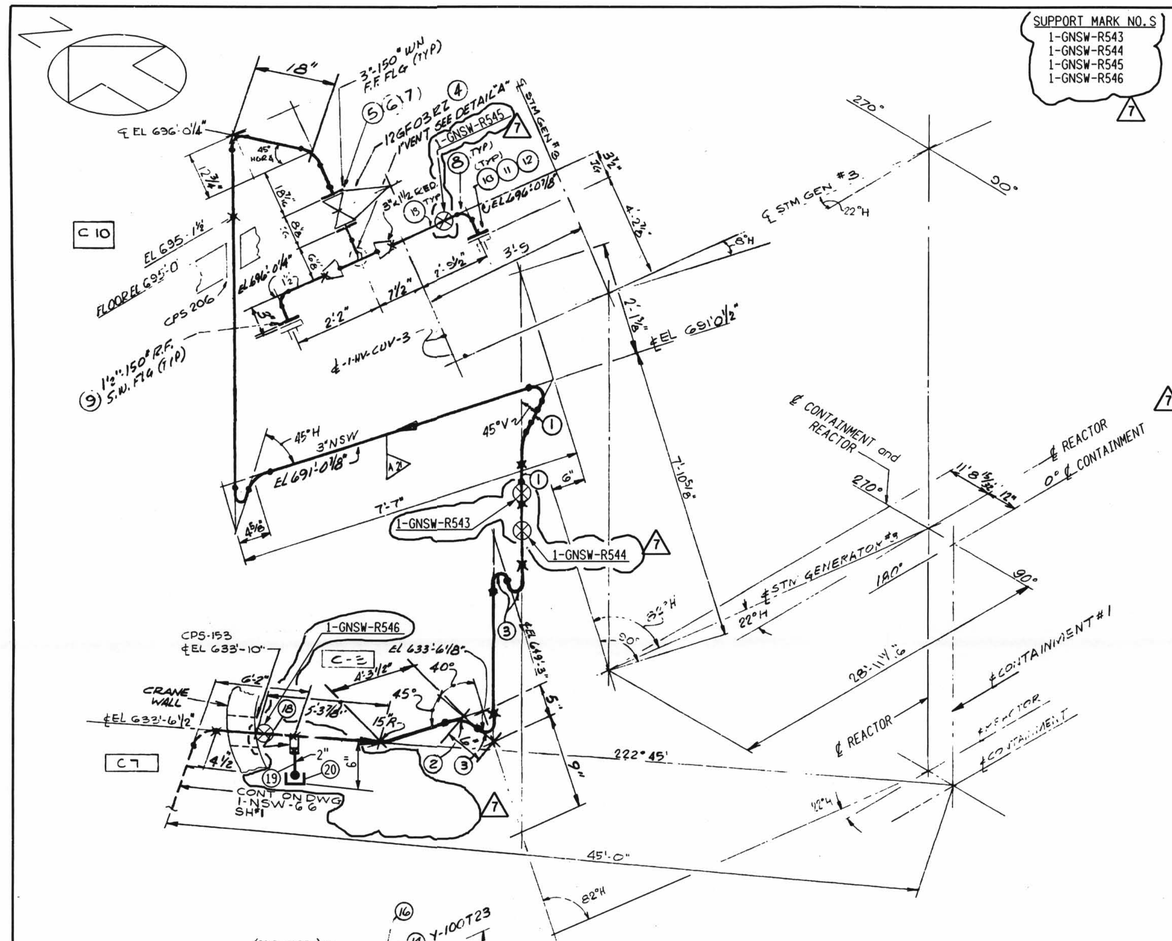

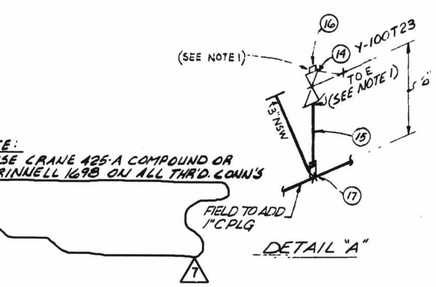

NOTE:
1. USE CRANE 425-A COMPOUND OR GRINNELL 169B ON ALL THR'D CONN'S
2.

OSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L.
01	1	AS REQ'D	3"	PIPE SMLS, CS, SCH 40	A-106 GR B
	2	1	3"	45° ELL, BW, CS, SCH 40	A-234 GR WPB
	3	3	3"	90° LR ELL, BW, CS, SCH 40	↓
	4	1	3	125# C I FLG'D GATE VA	12GF03B2
	5	2	3	1/16 THK 150# FF GASK COMP ASBESTOS RUBBER BONDED	
	6	8	5/8 Ø × 3	LNG HEX HD MACH BOLTS	A307GR B
	7	8	5/8	HEAVY HEX HD NUT CL 2 TOL	A307 GR B
	8	2	1½"	3000# CS SW 90° ELL	A181 OR A105 GR I OR II
	9	2	1½	150# RF SW FLG	↓
	10	2	1½	1/16 THK 150# FF GASK COMP ASBESTOS RUBBER BONDED	
	11	8	½	× 2¼ LG HEX HD MACH BOLT	A307GR B
	12	8	½	HEAVY HEX HD NUT CLASS 2 TOL.	↓
	13	AS REQ'D	1½	SMLS C S PIPE SCH 80	A106 GR B
	14	1	1"	200# THR'D GLOBE VA BRONZE OR BRASS	Y-100T23
	15	AS REQ'D	1"	SMLS C.S. PIPE SCH. 80	A-106 GR B
	16	1	1"	3000# C.S. THD ELL	A-181 GR I OR II
	17	1	1"	3000# SW HALF COUPLING	A-181 GR I OR II
	18	1	2"	3000# SW HALF COUPLING	A-181 GR I OR II
	19	AS REQ'D	2"	C.S. PIPE (SCH. 80) SMLS	A-106 GR. B
	20	1	2"	3000# CAP C.S. S.W.E.	SA-105 OR SA-181 CLASS 60 OR 70

1-NSW-66 (Sheet 2 of 2)
Upper Containment Ventilation
Unit 3 Supply Line

REV.	DATE	DESCRIPTION	FIELD ACTION REQ'D
7	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, SUPPORT MARK NUMBERS, ITEMS 19 AND 20 TO B/M AND SUPERSEDE HGR. ISO. 1-GNSW-66 SH. 2 REV. 0, DELETED: NOTE 2, PER 12-DCP-0860. WS/DDM	FIELD STATUS

⊗ 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
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	N/A
MATERIAL CLASS	A-21 SPEC. 104

W.P. = WORKING POINT
T.&E. = THREAD ONE END
T.&E. = THREAD BOTH ENDS
B.&E. = BEVEL ONE END
T.O.P. = TOP OF PIPE ELEV.
G.S.L. = MATERIAL QUALITY REQUIREMENTS
T.L. = TRUE LENGTH
B.&E. = BEVEL BOTH ENDS
P.&E. = PLAIN ONE END
P.&E. = PLAIN BOTH ENDS
S.&E. = SHAPE 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
⊗ = MANUAL SHOP WELD
■ = VERIFY DIMENSION IN FIELD

PIPE													FITTINGS		
SA-53		SA-106		SA-376		SA-312							SA-105	SA-234	SA-182
		GR. B													
STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160			
						X		X					SA-403	SA-181	
SMLS.	WLDD.														
X															

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

POUR/ZONE No. 1C3, 1C7, 1C10 FLOW DIAGRAM 1-5114A
G.S.L. 01

FOR SIGNATURE RECORD SEE MICROFILM COPY OF ISO. 1-NSW-66 SH.2 REV.6

DWN:	DATE:	CONTAINMENT
CKD:	DATE:	DWG. No.
SQ. LDR:	DATE:	1-NSW-66
REF. DWG. 1-5489A, 1-5740		SH. 2 REV. 7

AEP AMERICAN ELECTRIC POWER
AEP SERVICE CORP.
1 RIVERSIDE PLAZA
COLUMBUS, OH 43215

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D-53B