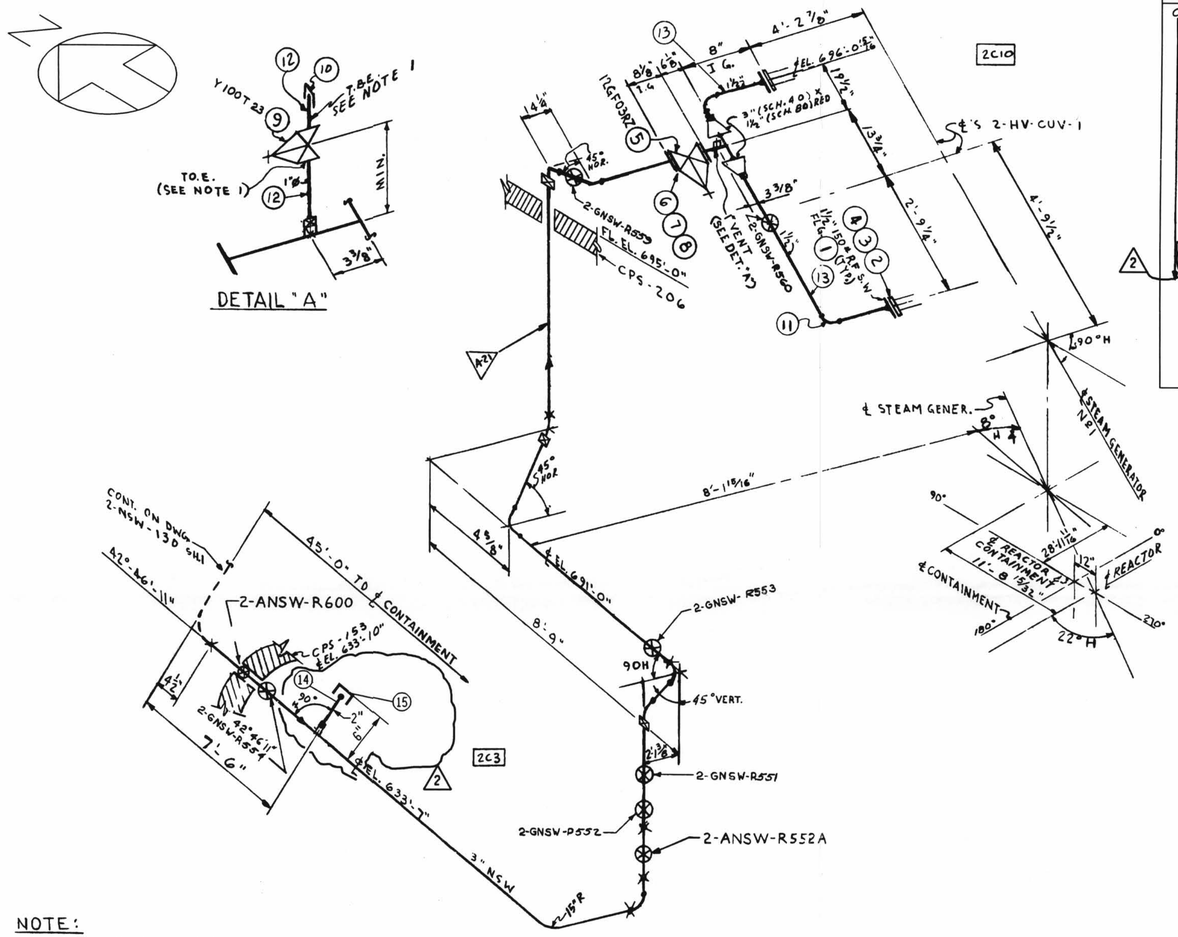
MATERIAL						
OSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L.	
01	1	2	1 1/2"	150# RF SW. FLG. SCH. 80	A181 GR. I or II	
	2	2	1 1/2"	1/16" THK 150# F.F. GASK. COMP. ASBESTOS RUBBER BONDED		
	3	8	1/2"Ø X 2 1/4"	LG HEX. HD. MACH. BOLTS	A-307 GR B	
	4	8	1/2"Ø	HEAVY HEX. NUTS CL 2 TOL	A-307 GR B	
	5	1	3"	125# C.I. FLG'D GATE VA.	12GF03RZ	
	6	2	3"	1/16" TH'K 150# F.F. GASK COMP ASBESTOS RUBBER ONDED		
	7	8	5/8"Ø	x 3" LG. HEX. HD. MACH. BOLTS	A-307 GR.B	
	8	8	5/8"Ø	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. I or II	
	11	2	1 1/2"	3000# C.S. S.W 90° ELL	A181 GR. I or II	
	12	AS REQ'D	1"	PIPE (SCH 80) SMLS C.S.	A 106 GR B.	
	13	AS REQ'D	1 1/2"	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B.	
	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-105 OR SA-181 CLASS 60 OR 70	



NOTE:

1- USE CRANE 425-A OR GRINNELL 1698 COMPOUND ON ALL THREADED CONN'S.

HANGER MARK Nos

2-GNSW-R551
R552
R553
R554
R559
R560
↓
2-ANSW-R552A
2-ANSW-R600

⊗ 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

D-49B

2-NSW-130 (Sheet 2 of 2)
Upper Containment Ventilation
Unit 1 Supply Line

REV.	DATE	DESCRIPTION	FIELD STATUS
2	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

POUR/ZONE No. 2C3, 2C10 FLOW DIAGRAM 2-5114A
O.S.L. 01

FOR SIGNATURE RECORD SEE MICROFILM COPY OF ISO. 2-NSW-130 SH.2 REV.1

DWN:	DATE:	CONTAINMENT
CKD:	DATE:	DWG. No. 2-NSW-130
SQ. LDR:	DATE:	
REF. DWG. 2-5489A, 2-5744		SH. 2 REV. 2

AEP AMERICAN ELECTRIC POWER

AEP SERVICE CORP.
1 RIVERSIDE PLAZA
COLUMBUS, OH 43215

MATERIAL SPEC.	DCCPM1020CS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	N/A
MATERIAL CLASS	A-21 SPEC. 104

W.P. = WORKING POINT
T.O.E. = THREAD ONE END
T.B.E. = THREAD BOTH ENDS
B.O.E. = BEVEL ONE END
T.O.P. = TOP OF PIPE ELEV.
O.S.L. = MATERIAL QUALITY REQUIREMENTS
T.L. = TRUE LENGTH

B.B.E. = BEVEL BOTH ENDS
P.O.E. = PLAIN ONE END
P.B.E. = PLAIN BOTH ENDS
S.O.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														
SA-53		SA-106 GR. B		SA-376		SA-312								
STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160		
						X		X						
SMLS.	WLDD.													
X														

FITTINGS		
SA-105	SA-234	SA-182
X		
SA-403	SA-181	
	X	

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

pc23088 d:\usr11\nmec\cook\u2 siso (raster file) swv130.200 swv130.cit