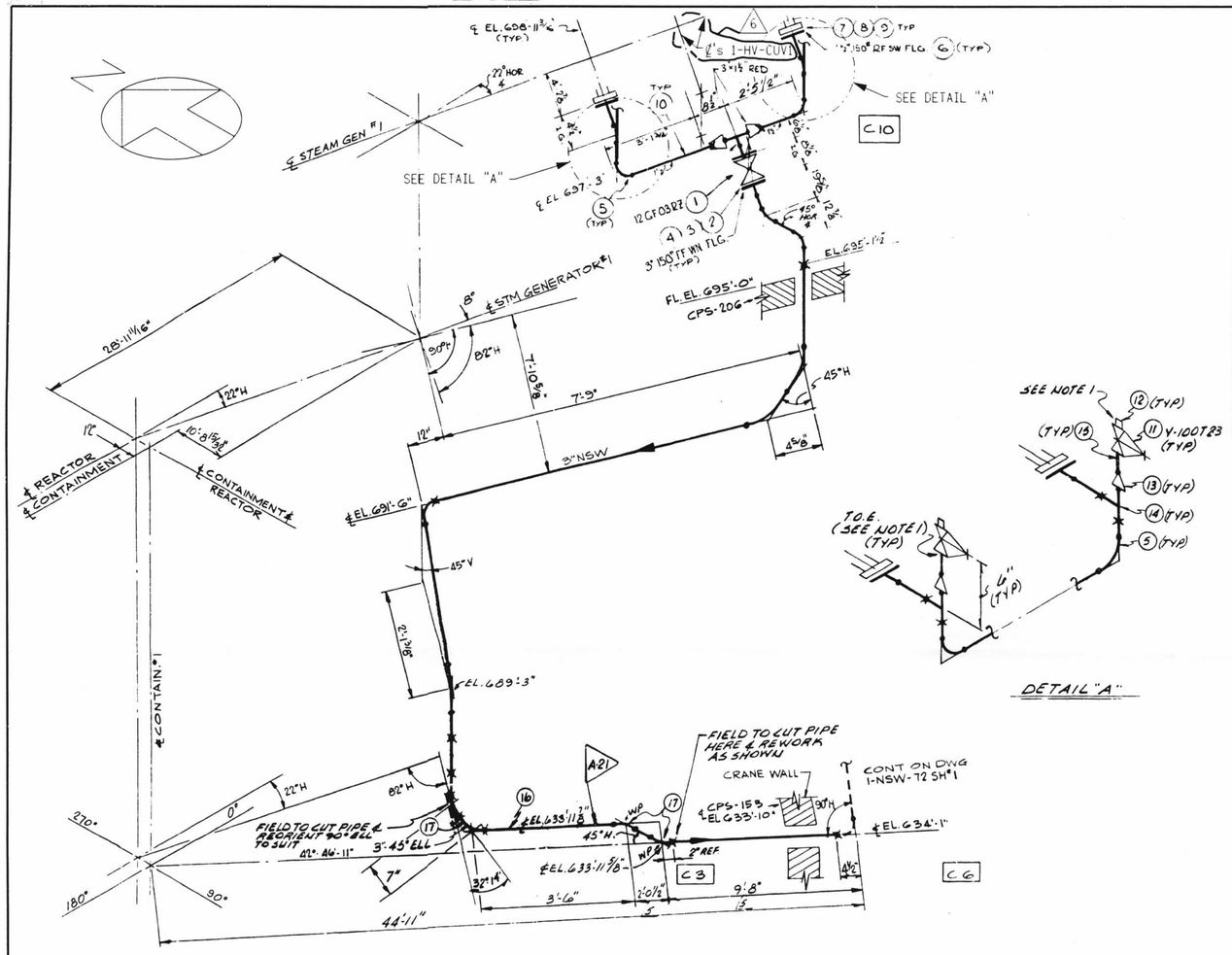

DETAIL "A"

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

QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L.
01	1	1	3"	125# C I FLG'D GATE VA	12GF03RZ
	2	2	3"	1/16" THK. 150# FF GASK. COMP. ASBESTOS RUBBER BONDED	
	3	8	5/8"ø	x 3" LG HEX. HD MACH. BOLT.	A307 GR B
	4	8	5/8"	HEAVY HEX HD. NUTS CL 2 TOL.	A307 GR B
	5	2	1½"	3000# C S. SW 90° ELL	A181 OR A105 GR I OR II
	6	2	1½"	150# RF SW FLG.	A181 OR A105 GR I OR II
	7	2	1½"	1/16" THK. 150# FF GASK. COMP. ASBESTOS RUBBER BONDED	
	8	8	1/2"	x 2¾" LG HEX. HD. MACH. BOLT	A307 GR B
	9	8	1/2"	HEAVY HEX. NUTS CL 2 TOL.	A307 GR B
	10	AS REQ'D	1½"	SMLS C S. PIPE SCH 80	A106 GR B
	11	2	1"	200# THD. BRONZE GLOBE VA.	Y-100T23
	12	2	1"	3000# CS THD. PLUG	A-181 GR I OR II
	13	2	1"x1"	SW RED. INSERT	
	14	2	1½"	SW TEE	
	15	AS REQ'D	1"	PIPE (SCH. 80) SMLS CS	A-106 GR B
	16	AS REQ'D	3"	PIPE SMLS CS SCH. 40	A-106 GR B
	17	3	3"	45° ELL SCH. 40 CS	A-234 GR WPA or WPB

1-NSW-72 (Sheet 2 of 2)
Upper Containment Ventilation
Unit 1 Return Line

REV.	DATE	DESCRIPTION	FIELD STATUS
6	5/18/99	THIS DRAWING HAS BEEN CONVERTED FROM A MANUAL FORMAT TO THE IGS-SCANNED DRAWING FORMAT AND SUPERSEDES ALL PREVIOUS REVISIONS. THIS DRAWING HAS ALSO BEEN ENHANCED DELETING ALL FIELD ERRECTION NOTES. REVISED: VENTILATION UNIT FROM 1-HV-CUV4 TO 1-HV-CUV1 PER C/R 99-08407 A/B 024499. DLS/ c.c	NO FIELD ACTION REQ'D.

MATERIAL SPEC.	DCCPM1020CS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	N/A
MATERIAL CLASS	A-21 SP-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.
G.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. = SHIPS 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
○ = AUTOMATIC SHOP WELD
● = MANUAL SHOP WELD
■ = VERIFY DIMENSION IN FIELD

PIPE												
SA-53		SA-106		SA-376		SA-312						
STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160
						X						
SMLS.		WLDD.										
X												

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

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

FOR SIGNATURE RECORD SEE MICROFILM COPY OF ISO. 1-NSW-72 REV 5

DWN:	DATE:	CONTAINMENT BDLG
CKD:	DATE:	DWG. No. 1-NSW-72
SQ. LDR:	DATE:	
REF. DWG. 1-5489A &		SH 2 REV 6

FLOW DIAGRAM 1-5114A
O.S.L. 01
POUR/ZONE No. 1C3

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

D-59B

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Roster file: \nsw07202.