ISO SHT. NO. 3422

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MATL	HEAT NO.
01	1	1	1"	6000# S.W.G. S.W.E.G. A.S.M.E. B16.11 CL. 3000	Y-100T36	2
	2	1	1"	3000# THR'D C.S. CAP	ASME SA 105 GR. II CL. 3000	
	3	AS REQ'D	1"	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B	

NO.	DATE	DWN CHKD	DESCRIPTION	REMARKS
1	3/30/71	WW FA	Y-100T23 WAS Y-100G22	
2	4/14/71	HMC	REVISED PER RDM-MC-0162 VALVE Y-100T36 WAS Y-100T23	
3	12/29/87	EDD FMM LB	PER RFC-DC-02-2908; THIS DWG. ISSUE IS FOR AS-BUILT INFORMATION ONLY. ADDED: NEW HGR. SUPPORT MARK NO. 5 PER ADMIN. CHANGE, ADDED: SUPPORT MARK NOS. 4 SUPERSEDES HGR. ISO. # 2-GNSW-141 SH. # 2.	NO FIELD ACTION REQ'D

SECTION "A-A"

NOTES:
1. USE CRANE 425A OR GRINNELL No. 169B COMPOUND ON ALL THR'D CONN'S.
2. FW'S ONLY TO BE RT-100%. ALL OTHER F.W. N/A.
3. FAB. TO MAKE THIS END 6" LONGER WITH RE. TO FACILITATE INSTALLATION.
4. FW PERTAINING TO THIS NOTE TO BE WELD AFTER PIPE HAS BEEN PRE-ALIGNED & END PREPARED FOR WELDING TO SUIT AS BUILT CPN.

SITE FAB. PIECE MARK	P.O. # PIECE MARK
2-NSW-141-L3	2-NSW-141-8
	-9
	-10
	-11
	-12

SUPPORT MARK NOS.
2-GNSW-R519
2-GNSW-R520
2-GNSW-R522
2-GNSW-R523
2-GNSW-R524
2-ANSW-R540A

⊗ 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

SIZE	QUAN.	TM
4"	—	1
3"	60	5
1"	1'-0"	1

A-21 DESIGN SPEC. DCCPN 102 QC-4
HANGER SEISMIC CLASS II
TEST REQUIREMENTS QL-1
WELD PROCEDURE
QSL. 01 TESTING N/A

A-16 DESIGN SPEC. DCCPN 103 QC-N
HANGER SEISMIC CLASS I
TEST REQUIREMENTS QL-4
WELD PROCEDURE
QSL. 04 TESTING SEE NOTE 2

DESIGN SPEC.	SEE
HANGER SEISMIC CLASS	DESIGN
TEST REQUIREMENTS	CODE
MATERIAL CLASS	STAMP

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
Q.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
S = FIELD WELD
O = AUTOMATIC SHOP WELD
M = MANUAL SHOP WELD
E = VERIFY DIMENSION IN FIELD

PIPE													FITTINGS			TESTING						ADDITIONAL
A-53		A-106		A-376		A-312							A-105	A-234	A-182	N.D.T. SEE DESIGN CODE STAMP						
		GR. B														M.T.	P.T.	R.T.	U.T.			
STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160										
						X							A-403	A-181		PRESSURE TEST						
SMLS		WLDD														MED.		PRESS.		DURATION		
X																						

POUR/ZONE No. 2CG FLOW DIAGRAM I-2-5114-A
REQUIRED COMPLETION DATE O.S.I. SEE DESIGN CODE STAMP
FABRICATED BY TUBECO WELD PROCEDURE

NPS DESIGNS INC.
NEW YORK, N.Y.

FABRICATOR NOTE:
FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS.

LIVSEY & COMPANY, INC.
INDIANA & MICHIGAN ELECTRIC CO.
DONALD C. COOK NUCLEAR PLANT

DWN: A.J.C DATE: 3/26/71 CONTAINMENT BLDG.
CKD: C.D DATE: 4/14/71 DWG. NO. 2-NSW-141 REV. 3
ISSUED
REF. DWG. 2-5483A SH. # 2 OF 2

D-42B

2-NSW-141 (Sheet 2 of 2)
Upper Containment Ventilation
Unit 4 Return Line