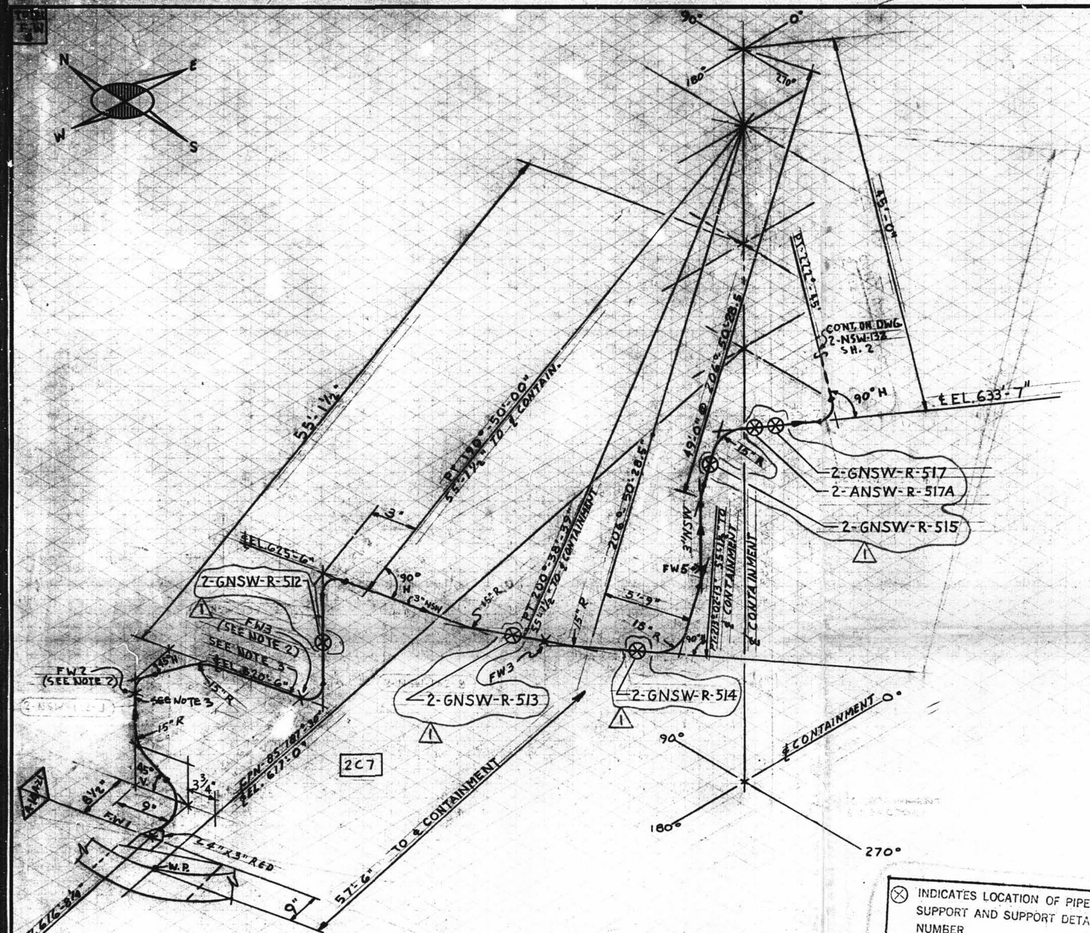
ISO SHT. NO. 3403

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.

REVISION RECORD

NO.	DATE	DESCRIPTION	DRWN CHK'D	REMARKS
1	12/28/73	PER RFC DC-02-2908 THIS DRAWING ISSUE IS FOR AS-BUILT INFORMATION ONLY. ADDED: NEW HGR. SUPPORT MARK NO. PER ADMIN. CHANGE ADDED: SUPPORT MARK NO.'S & SUPERSEDE HGR. ISO 2-GNSW-132 SHT. 1.	GJB CBM JB	NO FIELD ACTION REQ'D



⊗ 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

HANGER MARK NO.'S
2-GNSW-R-512
2-GNSW-R-513
2-GNSW-R-514
2-GNSW-R-515
2-GNSW-R-517
2-ANSW-R-517A

D-46A

A-21 DESIGN SPEC. DCCPM 102QC9
HANGER SEISMIC CLASS X
TEST REQUIREMENTS QL- 1
WELD PROCEDURE
QSL- Q1 TESTING SEE NOTE 1

A-14 DESIGN SPEC. DCCPM 103QCN
HANGER SEISMIC CLASS X
TEST REQUIREMENTS QL- 4
WELD PROCEDURE
QSL- Q4 TESTING SEE NOTE 1

NOTES
1- FW1 ONLY TO BE R.T. 100%. ALL OTHER FW. N/A
2- FIELD WELDS REFERENCED TO THIS NOTE ARE TO BE MADE AFTER PIPE IS CUT, PREALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS BUILT CPN.
3- SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE, AND PLAIN END, TO FACILITATE INSTALLATION.

SIZE	QUAN.	FW
4"	—	4
3"	62'	4

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

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

P.B.E. = BEVEL BOTH ENDS
P.O.E. = PLAIN ONE END
P.B.E. = PLAIN BOTH ENDS
S.O.E. = SHAPE ONE END
S.B.E. = SHAPE BOTH ENDS

FW = FIELD WELD
H = HORIZONTAL
V = VERTICAL
SW = SHOP WELD
FSW = FIELD SHOP WELD

S = FIELD SEAL
A = AUTOMATIC SHOP WELD
M = MANUAL SHOP WELD
V = VERIFY DIMENSION IN FIELD

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

FITTINGS			
A-105	A-234	A-182	
A-403	A-181		

TESTING				
N.D.T. SEE DESIGN CODE STAMP				
M.T.	P.T.	R.T.	U.T.	
PRESSURE TEST				
MED.	PRESS.	DURATION		

ADDITIONAL

POUR/ZONE No. 2C7
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO

FLOW DIAGRAM 2-51M
Q.S.L. SEE DESIGN
WELD PROCEDURE CODE STAMP

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.L.	DATE: 2/1/73	CONTAINMENT BLDG.	
CKD: NP	DATE: 5-25-73	DWG. NO. 2-NSW-132	REV. 1
ISSUED		SH. 1 OF 2	
REF. DWG. 2-5487A			

2-NSW-132 (Sheet 1 of 2)
Upper Containment Ventilation
Unit 3 Supply Line