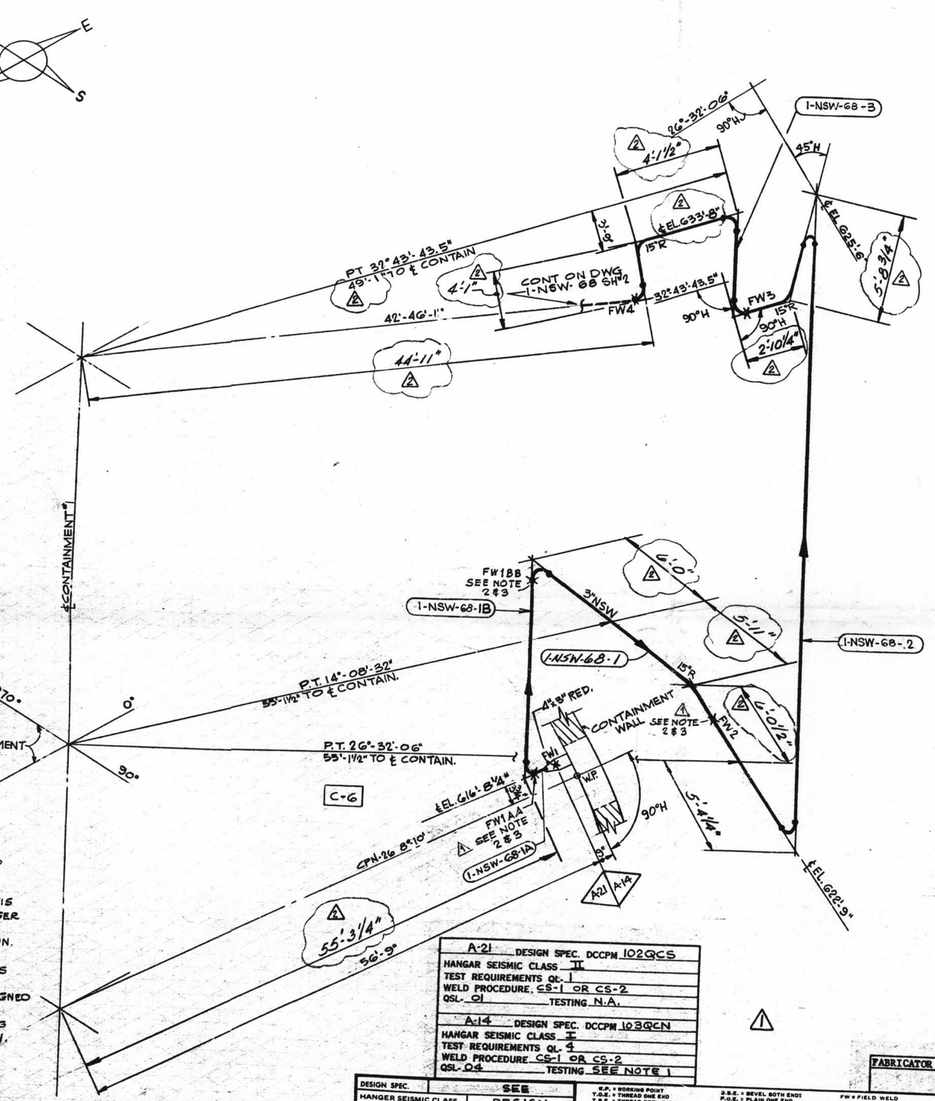
TOTAL FW



NOTES:

1. FW1 ONLY TO BE R.T. 100% ALL OTHER FW N/A.
2. FABRICATOR TO MAKE THIS END OF SPOOL 6" LONGER WITH PLAIN END TO FACILITATE INSTALLATION.
3. FW'S PERTAINING TO THIS NOTE ARE TO BE MADE AFTER PIPE IS PRE-ALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS BUIL CPN.

MATERIAL 150 SH No. 1393

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

REV.	DATE	DR. CHK.	DESCRIPTION	REMARKS
1	12/1/71	SG GN	RELEASED PIPING AT CPN. ADDED: FW1AA & 1BB; PC MK 1A & 1B; P.O. #; DESIGN CODE STAMP; NOTES 2 & 3; TOTAL NO. OF FW. REVISED; WELD PROCEDURE, PER DWG 1-5489A	FIELD ACTION REQD
2	10/14/73	GR RG	REVISED BY N.P.S. DESIGNS. ADDED: DWGS 4 WAS 3'-10¼"-5-8¾". 6'-0"; 5'-11"; 6'-0½"; 5'-3¼"; 45°H. DIM. 44'-11" WAS 45'-0"; 49'-1" WAS 49'-0"; 5'-4¼" WAS 5'-9". ℄ EL. 633'-8" WAS 633'-7" PER AS BUILT DWGS. A.E.P. DWG. 1-5489A-4	FAB ACTION REQD / NO ACTION REQ'D

1-NSW-68 (Sheet 1 of 2)
Upper Containment Ventilation
Unit 1 Supply Line

P.O.#	PIECE MARK
468	1-NSW-68-1
533	1A
	1B
468	2
	3

LABOR COST CONTROL — USE ONLY WITH	
PIPE SIZE	
SCHEDULE	
TYPE	
ISO START DATE	
ISO FINISH DATE	
WORK OPERATION	LINE ITEM NUMBER
HANGER INST.	
ERECT	
WELD	
RADIO-G – X-RAY	
STRESS RELIEVE	
MISC. WORK	

LABOR COST CONTROL — USE ONLY WITH	
PIPE SIZE	
SCHEDULE	
TYPE	
ISO START DATE	
ISO FINISH DATE	
WORK OPERATION	LINE ITEM NUMBER
HANGER INST.	
ERECT	
WELD	
RADIO-G – X-RAY	
STRESS RELIEVE	
MISC. WORK	

A-21	DESIGN SPEC. DCCPM 102QCS
HANGAR SEISMIC CLASS	II
TEST REQUIREMENTS QL.	1
WELD PROCEDURE	CS-1 OR CS-2
QSL.	01
TESTING	N.A.

A-14	DESIGN SPEC. DCCPM 103QCN
HANGAR SEISMIC CLASS	I
TEST REQUIREMENTS QL.	4
WELD PROCEDURE	CS-1 OR CS-2
QSL.	04
TESTING	SEE NOTE 1

N.P.S. DESIGNS.

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

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

R.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. = SLOPE 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												
A-53	A-106		A-376	A-312								
	GR. B											
STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160
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

REVISION RECORD		
NO.	DATE	DESCRIPTION

POUR/ZONE No. 1CG
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO
FLOW DIAGRAM 1-5114A
Q.S.L. SEE DESIGN
WELD PROCEDURE CODE STAMP

LIVSEY & COMPANY, INC.
DONALD C. COOK NUCLEAR PLANT

DWN: LGR	DATE: 7-24-71	CONTAINMENT BLDG
CKD: GN	DATE: 7-30-71	DWG. NO. 1-NSW-68 SH 1 OF (LATEST)
ISSUED		REV. 2
REF. DWG: 1-5489A		

D-55A