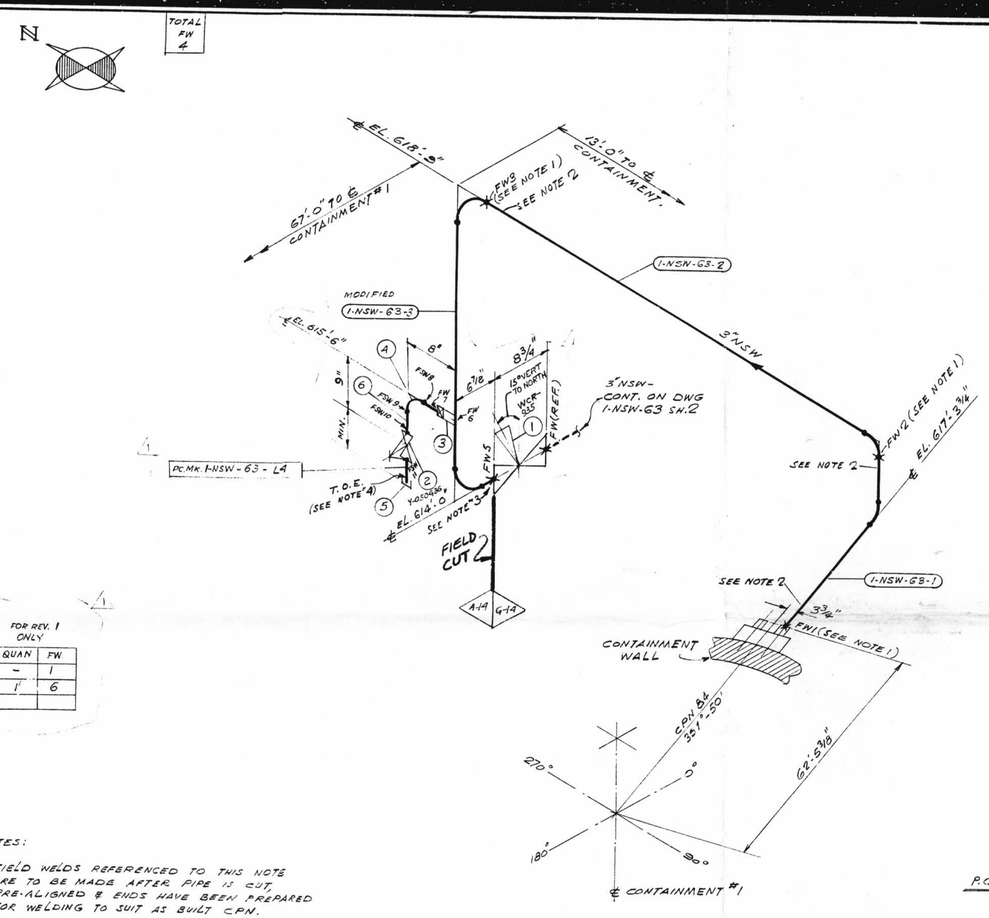

TOTAL FW 7	FOR REV. 1 ONLY	
SIZE	QUAN	FW
3"	-	1
1/2"	1'	6

NOTES:

1. FIELD WELDS REFERENCED TO THIS NOTE ARE TO BE MADE AFTER PIPE IS CUT. PRE-ALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS BUILT CPN.
2. SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE AND PLAIN END TO FACILITATE INSTALLATION.
3. PROVIDE BI-METALLIC WELDS (STAINLESS STEEL-CARBON STEEL)
4. USE CRANE 425-A COMPOUND ON ALL THREADED CONN'S

MATERIAL

QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L	HEAT NO.
04	1	1	3"	BW. DIAPH. CONTROL VA. S.S	WCR-935	—
	2	1	1/2"	600# C.S. S.W GATE VALVE	Y-050G36	
	3	1	1/2"	3000# C.S. S.W. HALF CPLG.	A-181 GR 2 OR 1	
	4	1	1/2"	3000# C.S. S.W. 90° ELL.	↓	
	5	1	1/2"	3000# C.S. THRD CAP	↓	
	6	AS REQ'D	1/2"	PIPE (SCH. 80) SMLS C.S.	A-106 GR B	

REVISION RECORD

No	DATE	DR CHK.	DESCRIPTION	REMARKS
1	1/13/82	KA E.J.G.	PER RFC#-DC-12-2549 ADDED DIM'S, NOTES 3&4, PC.MK. L4, FIELD WELD BOX, FW STD 7, FSW 8 THRU 11, ITEM Nº'S 2 THRU 6 TO B/M. REVISED ITEM Nº 1 B/M. MODIFIED PC.MK. 3.	FIELD ACTION REQ'D.

P.O.# PIECE MARK

1-NSW-63-1
-2
-3

SITE FAB. PIECE MARK

1-NSW-63-L4

D-03A

N.P.S DESIGNS

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

DESIGN SPEC.	DCCPM 103 QCN
HANGER SEISMIC CLASS	I
TEST REQUIREMENTS	QL-4
MATERIAL CLASS	A-14 SPEC. 104

R.P. = REFERENCE 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
E = FIELD WELD
O = AUTOMATIC SHOP WELD
M = 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	
						X							
SMLS		WELD											
X													

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

TESTING				
N.D.T.				
M.T.	P.T.	R.T.	U.T.	
		100%		
PRESSURE TEST				
MED.		PRESS.		DURATION

ADDITIONAL

POUR/ZONE No. 1C5
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO

FLOW DIAGRAM 2LS114A
Q.S.L. 04
WELD PROCEDURE S.S.-1 OR C.S.-2

REVISION RECORD		
NO.	DATE	DESCRIPTION

1NSW-63 (sheet 1 of 2)
Upper Containment Ventilation
Unit 4 Return Line

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

DWN. S.G.	DATE 10-12-81	CONTAIN. VICINITY	
CKD. LJB	DATE 11-13	DWG. NO. 1-NSW-63 SH. 1 OF 2	REV. 1
ISSUED			
REF. DWG. 1-5497A			

11-1-82 WFK