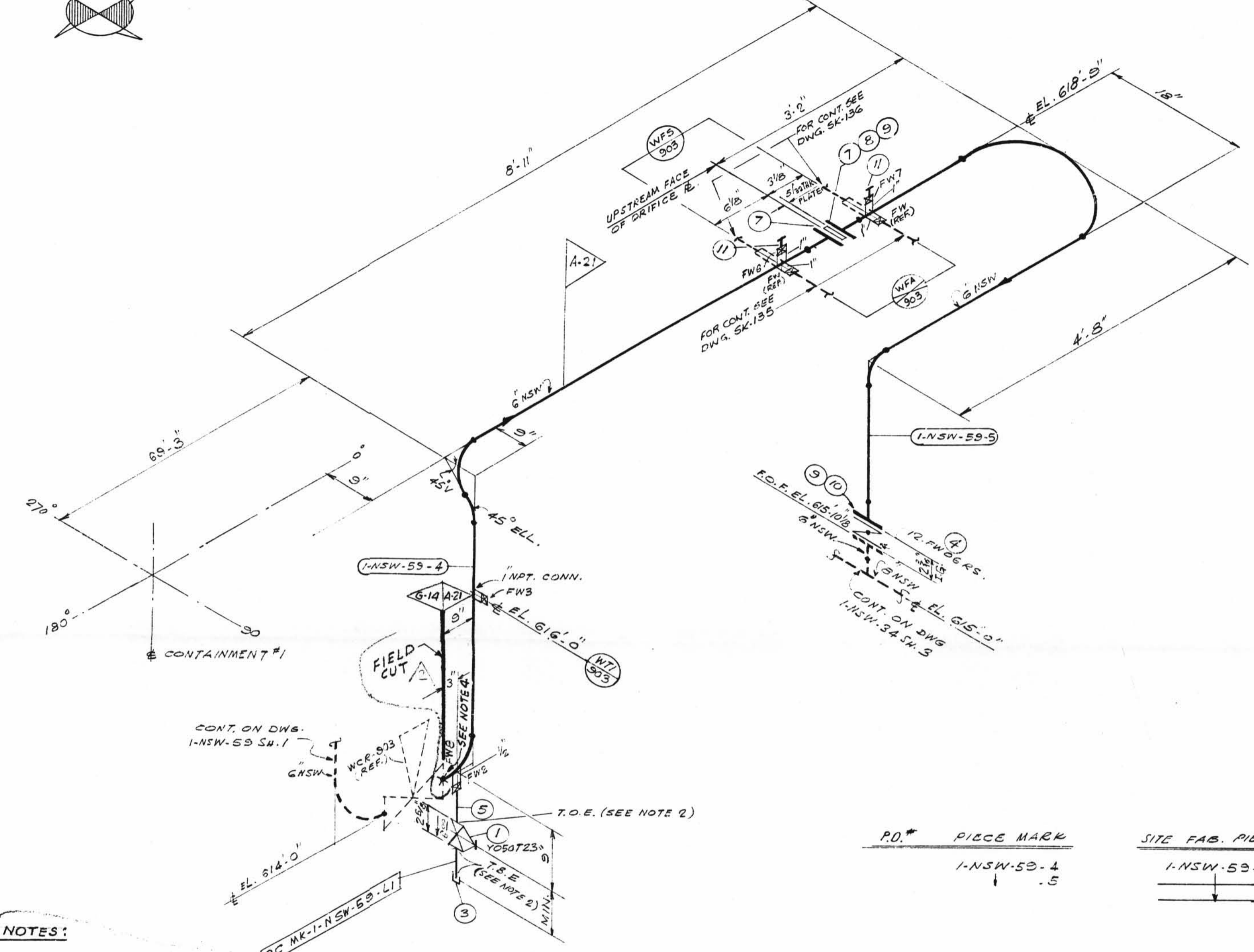


TOTAL  
FW



MATERIAL 150 SH. No. 1858

OSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L	HEAT NO.
01	1	1	1/2"	200# SCD GLOBE VA. BRONZE OR BRASS	Y050723	
	2					
	3	1	1/2"	C.S. SCD. CAP 3000#	A-181	
	4	1	6"	125# C.I. WAFER BUTTERFLY VA	12FW06RS	
	5	AS REQD	1/2"	PIPE (SCH. 80) SMLS C.S.	A-106GR.B.	
	6					
	7	2	6"	1/4" THK COMP. ASBESTOS G.F. LUBBER CONJ. FULL FACE		
	8	8	3/4"	5/8" LG. HEX. HD. MACH. BOLTS	A-307GR.B	
	9	16	3/4"	HEAVY HEX. NUT. CL. 2 TOL.	A-307GR.B	
	10	8	3/4"	5/8" LG. HEX. HD. MACH. BOLTS	A-307GR.B	
	11	2	1"	3000# C.S. SW. PLUG.	A-181 GR. 2 OR II	

REV.	DATE	DR. CHK.	DESCRIPTION	REMARKS
1	9.11.74	J.E. E.J.G.	REVISED BY N.P.S. DESIGNS. DELETED P.C.M.K'S I-NSW-59-L2143 AND ITEM NOS 2 & 6 FROM B.M. ADDED FWBOX INSULATION STAMP W.P.S. 903 & CONT. ON DWG NOS AEP ARRGT. DNG. 1-5497A	FIELD ACTION REQ'D
2	1/13/82	J.L. E.T.G.	PER RFC DC-12-2549, ADDED: "REF." & "FIELD CUT," NOTES 3 & 45 WELD BOX & FWB.	FIELD ACTION REQ'D

- NOTES:**
- WELD PROCEDURE AS FOLLOWS:  
5/8" & UNDER - CS-1 OR CS-6  
C/S 2 1/2" & OVER - CS-1 OR CS-2
  - USE CRANE 425-A COMPOUND ON ALL THRD CONNECTIONS.
  - BUTT WELDS: PT-100% TESTING  
SOCKET WELDS: PT-100% TESTING
  - PROVIDE BI-METALLIC WELDS (STAINLESS STEEL - CARBON STEEL)
  - REMOVE BONNET ASSEMBLY BEFORE WELDING VALVE BODY TO PIPE LINE.

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

SIZE	QUAN.	FW
6"	22	1
1"	-	2
1/2"	1	1

CONTINUED ABOVE

**INSULATION SPEC FOR REQUIREMENTS**

LINE SIZE	NOM THK. IN.	REMARKS
		NONE REQ'D

DESIGN SPEC. DCCPM 10E RCS

DESIGN SPEC.	HANGER SEISMIC CLASS	TEST REQUIREMENTS	MATERIAL CLASS
DCCPM 10E RCS	Z	N/A	A-21 SPEC 10B

PIPE FITTINGS TESTING ADDITIONAL

PIPE	FITTINGS	TESTING	ADDITIONAL
A-33 A-104 A-376 A-312	A-105 A-234 A-182	N.D.T. N/A	
STD. XY XXT 10 20 30 40 60 80 100 120 140 160	A-403 A-181	PRESSURE TEST	
SMLS WELD		MED. PRESS. DURATION	

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

N.P.S. DESIGNS  
FABRICATOR NOTE: FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS. 1-5497A

POUR/ZONE No. 1CS FLOW DIAGRAM 1-5144  
REQUIRED COMPLETION DATE Q.S.L. 9/1  
FABRICATED BY TUBECO WELD PROCEDURE SEE NOTE 1

NO.	DATE	DESCRIPTION

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

1NSW-59 (sheet 2 of 2)  
Lower Containment Ventilation  
Unit 1 Return Line

DWN. SG DATE: 11/17/71  
CKD: LJB DATE: 4/12

ISSUED  
REF. DWG. 1-5497A

DWG. NO. 1-NSW-59  
SH. 2 OF 2

REV. 2