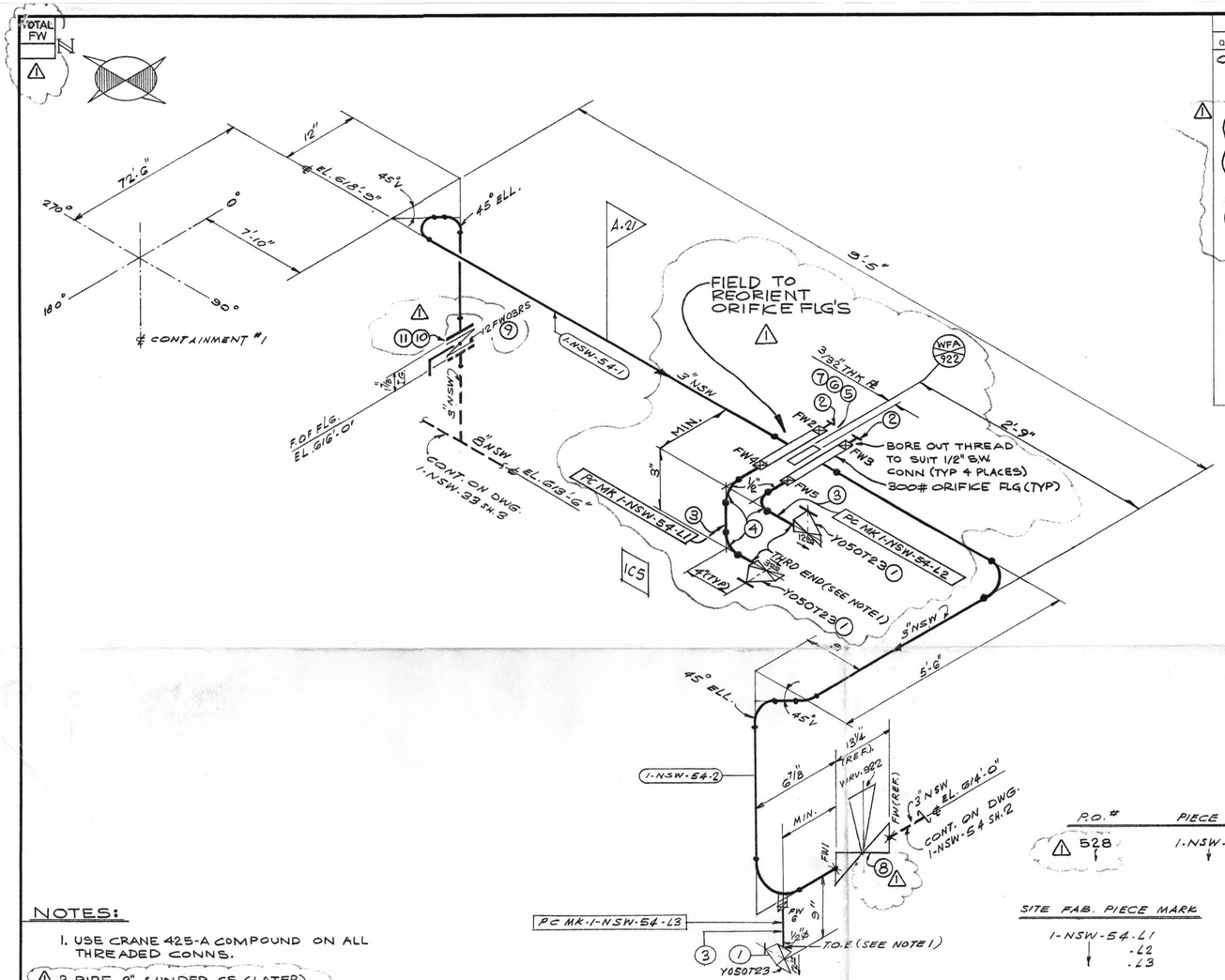
TOTAL FW



MATERIAL 150 SH. No. 1314						
QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	3	1/2"	200# SCRD GLOBE VA. BRONZE OR BRASS	Y050723	
	2	2	1/2"	C.S. S.W. PLUG. 3000#	A-181 GR. I OR II	
	3	AS REQ'D	1/2"	PIPE (SCH. 80) SMLS. C.S.	A 106 GR. B	
	4	3	1/2"	3000# C.S. S.W. 90° ELL	A-181 GR I OR II	
	5	2	3"	FLEXITALLIC GASKET STYLE CG, TYPE 304 SS & ASBESTOS FILLER 1/16" THK		
	6	8	–	3/4"ø x 4 1/2" LG STUD BOLT	A-193 GR. B7	
	7	16	3/4"	HEX NUT	A-194 GR 2H	
	8	1	3"	REGULATING VALVE	WRV-922	
	9	1	3"	125# BUTTERFLY WAFER VA, C.I.	12FW03RS	
	10	4	–	5/8"ø x 5" LG HEX MACHINE BOLT	A-307 GR. B	
	11	4	5/8"	HEX NUT		

REV	DATE	DR CHK	DESCRIPTION	REMARKS
1	4/05/72	ES GN	REVISED ORIENTATION OF ORIFICE FLGS. & ADDED NOTE FOR FIELD REWORK. ADDED: ITEMS 4 THRU 11; BOX FOR TOTAL NO. OF FWS; P.O.#; NOTE 2. REVISED: PIPING FOR WFA-922; PER A.E.P. DWG 1-5497A-4.	FIELD ACTION REQ'D

D-84A

NOTES:

1. USE CRANE 425-A COMPOUND ON ALL THREADED CONNS.
2. PIPE 2" & UNDER CS (LATER). PIPE 2 1/2" & UP CS (LATER).

P.O. #	PIECE MARK
528	1-NSW-54-1, -2

SITE FAB. PIECE MARK

1-NSW-54-L1, -L2, -L3

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. ARRCT. DWGS.

SIZE	QUAN.	FW
3"	22'-0"	3
1/2"	3'-0"	11

DESIGN SPEC.	DCCPM 102 QCS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	QL-1
MATERIAL CLASS	A.21 SPEC 104

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

F = FIELD WELD
O = AUTOMATIC SHOP WELD
● = MANUAL SHOP WELD
■ = 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 — SMLS, WLDD

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

TESTING: N.D.T. N/A. — M.T., P.T., R.T., U.T. — PRESSURE TEST: MED., PRESS., DURATION

ADDITIONAL

POUR/ZONE No. 1C5
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO
FLOW DIAGRAM 1-2-5114A
Q.S.L. 01
WELD PROCEDURE SEE NOTE 2

REVISION RECORD: NO. | DATE | DESCRIPTION

1NSW-54 (sheet 1 of 2)
Upper Containment Ventilation
Unit 1 Supply Line

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

DWN: S. G. DATE: 12-4-71 — CONTAIN. VICINITY
CKD: WJP DATE: 10-8-71 — DWG. NO. 1-NSW-54 SH. 1 OF 2 — REV 1
ISSUED
REF. DWG. 1-5497A-2