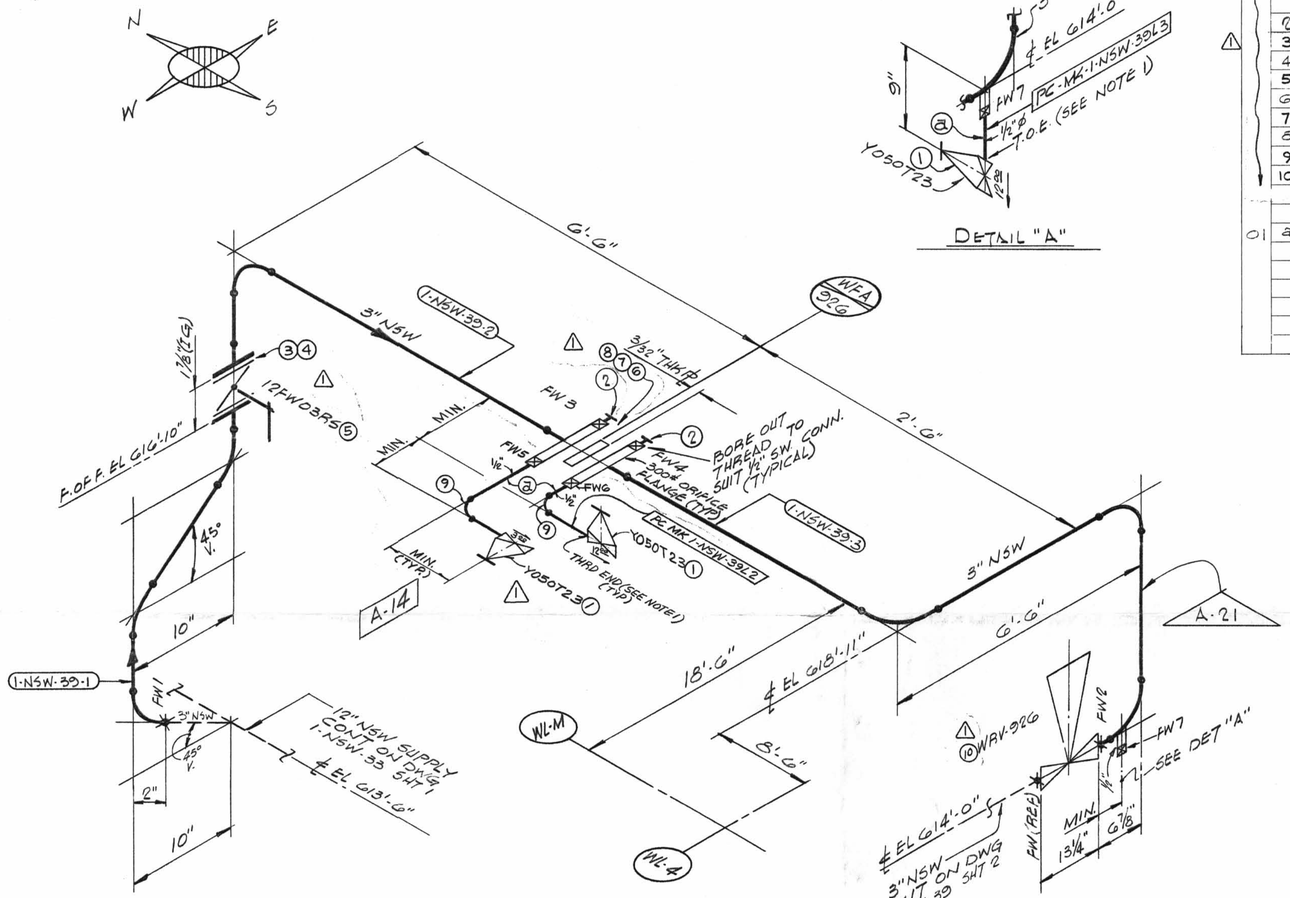
TOTAL	
FW	1

MATERIAL ISO. SHT. No. 1299

QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	3	1/2"	200# BRONZE OR BRASS THREADED GLOBE VALVE	Y050T23	
	2	2	1/2"	3000# C.S. PLUG	A-181 GR I OR II	
	3	4	—	5/8" x 5" LG HEX MACHINE BOLT	A-307 GR B	
	4	4	5/8"	HEAVY HEX. NUT		
	5	1	3"	125# BUTTERFLY WAFER VA, CI	12FW03RS	
	6	8	—	3/4" x 4 1/4" LG STUD BOLT	A-193 GR B7	
	7	16	3/4	HEAVY HEX NUT	A.194 GR. 2H	
	8	2	3"	FLEXITALLIC GASKET STYLE CG TYPE 304 SS & ASBESTOS FILLER, 1/8" THK		
	9	2	1/2"	3000 # CS SW 90° ELL	A-181 GR I OR II	
	10	1	3"	REGULATING VALVE	WRV-926	
01	2	AS REQ'D	1/2"	PIPE (SCH. 80, SMLS, C.S.	A106 GR. B	

REV.	DATE	DR. CHK.	DESCRIPTION	REMARKS.
1	5/8/72	SG GN	ADDED: ITEMS 3 THRU 10; BOX FOR TOTAL NO. OF FW'S; P.O.#; NOTE 2; REVISED: PIPING FOR WFA-926; PER AEP DWG 1-5497-4.	FIELD ACTION REQ'D



NOTES

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

P.O. #	PIECE MARKS	SITE FAB PIECE MKS.
519	1-NSW-39-1	1-NSW-39 L1
	-2	L2
	-3	L3

N.P.S. DESIGNS

FABRICATOR NOTE: FABRICATION MUST CONFORM TO LATEST A.S.P. ARCHT. DWGS.

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	

TOTAL		
3"	25'-0"	2
1/2"	3'-0"	9

DESIGN SPEC.	DCCPM1020CS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	QL1
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 = FIFLD 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
						X						
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. A-14 FLOW DIAGRAM 1-2-5114A
REQUIRED COMPLETION DATE Q.S.L. 01
FABRICATED BY TUBECO WELD PROCEDURE SEE NOTE 2

REVISION RECORD		
NO.	DATE	DESCRIPTION

1NSW-39 (sheet 1 of 2)
Upper Containment Ventilation
Unit 2 Supply Line

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

DWN. NP	DATE 9/17/71	AUX. BLDG.	
CKD. GN	DATE 9-29-71	DWG. NO. 1-NSW-39 SHT 1 OF 2	REV 1
ISSUED			
REF. DWG. 1-5497-2			

D-74A