



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

[illegible]

DESIGN SPEC.		DCCPM 102 QCS										<div>H.P. WORKING POINT T.D.E. = THREAD ONE END I.B.E. = THREADED BOTH ENDS B.O.E. = BEVEL ONE END J.O.P. = TOP OF PIPE ELEV. Q.S.L. = MATERIAL QUALITY REQUIREMENTS TL = TRUE LENGTH</div>										<div>R.B.E. = BEVEL BOTH ENDS P.E. = PLAIN BOTH ENDS S.O.E. = BEVEL ONE END B.O.P. = BOTTOM OF PIPE LEVEL</div>										<div>F.W. FIELD WELD D = AUTOMATIC SHOP WELD V = VERTICAL SWS = SHOP WELD FSW = F.I.C. SHOP WELD</div>										<div>B = FIELD WELD D = AUTOMATIC SHOP WELD M = MANUAL SHOP WELD V = VERIFY DIMENSIONS IN FIELD</div>																			
HANGER SEISMIC CLASS		II										TEST REQUIREMENTS																																																	
MATERIAL CLASS		A-21 SPEC 104																																																											
PIPE																																FITTINGS										TESTING										ADDITIONAL									
A-33		A-106		A-376		A-312																		A-105		A-234		A-182		N.D.T.		N/A																													
		GR. B																												M.T.		P.T.		R.T.		U.T.																									
STD.		XY		XXY		10		30		30		40		60		80		100		120		140		160																																					
SMLS		WLDG																																																											

LABOR COST CONTROL		LABOR COST CONTROL	
USE ONLY WITH		USE ONLY WITH	
PIPE SIZE		PIPE SIZE	
SCHEDULE		SCHEDULE	
TYPE		TYPE	
<i>ISO START DATE</i>		<i>ISO START DATE</i>	
<i>ISO FINISH DATE</i>		<i>ISO FINISH DATE</i>	
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. ARRG.
DWGS. 1-5497A

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

FLOW DIAGRAM 1-5114A
Q.S.L. 01
WELD PROCEDURE SEE NOTE

REVISION RECORD		
NO.	DATE	DESCRIPTION
1NSW-62 (sheet 2 of 2) Lower Containment Ventilation Unit 4 Return Line		

LIVSEY & COMPANY, INC.			
DONALD C. COOK NUCLEAR PLANT			
DWN: S. G.	DATE: 10-12-71	CONTAIN. VICINITY	
CKD: <i>WLB</i>	DATE: 11-13	DWG. NO.	RE
ISSUED		1-NSW-62	
REF. DWG: 1-54374		SH. 2 OF 2	