

SEISMIC REACTIONS

LOADING MODE	VERT. ACCE. IN	BASE MOMENT X 10 ⁵ # INCH			BASE REACTION X 10 ³ #			TOP REACTION X 10 ³ #		
		MX	MY	MZ	RX	RY	RZ	R1	R2	R3
NORMAL	0	0	626	506	483	9467	1035	1008	1516	1490
UPSET	5	75	1252	240	3359	15793	6276	6222	4565	4511
FAULTED	1.0	1.5	2503	6808	6717	12550	12449	9129	5022	

NOTES:
 1) SUBSCRIPTS DENOTE VECTORIAL DIRECTIONS.
 2) Z AXIS IS 90°-910° PLANE (VIEW Z-Z').
 3) X AXIS IS 0°-180° PLANE.
 4) Y AXIS IS VERT. DIRECTION.
 5) MAGNITUDES ARE UPPER BOUNDS; THE EVALUATED REACTIONS DO NOT FORM AN EQUILIBRATED SYSTEM.
 6) NEGATIVE M_x, M_y AND TENSION IN BOLTS.

NOTES:
 1) TAKE ANGLE FROM THIS HEAT EXCHANGER (3-2268-2) IS. INTERCHANGEABLE WITH THE TUBE BUNDLE FROM HEAT EXCHANGER (3-2268-2).

NOZZLE SCHEDULE

MARK	SIZE	SCH	RATING	PURPOSE	REMARKS
A	3"	40S		TUBE IN	B.W.
B	3"	40S		TUBE OUT	B.W.
C	8"	40	150° WNR	SHELL IN	
D	8"	40	150° WNR	SHELL OUT	
E, E ₂	3/4"	3000° TRIO CPLG		SHELL VENT	(2) REQ'D
F	3/4"	N.P.T. IN T.S.		SHELL DRAIN	
G, G ₁ , G ₂	3/4"	3000° SW CPLG		BONNET DRAIN	(5) REQ'D
H	3/4"	3000° SW CPLG SIZE		BONNET VENT	IN FLGW/PLUG

QAT JOB NO	ITEM NO	SFIN NO	PLANTS	NO REQ'D
J-2268-2	LD-622	CSANLD	DC, DOP	BY RELANT

FOR INFORMATION ONLY

CLASSIFICATION
 ASME CODE SECT III
 CLASS III SHELL SIDE
 CLASS II TUBE SIDE

WEIGHTS
 DRY - 3350°
 FLOODED - 7650°
 BUNDLE - 2350°

MATERIAL
 SHELL SIDE - C/S
 TUBE SIDE - 304S/5

TOTAL LIQUID VOLUME
 SHELL SIDE - 193 GALS
 TUBE SIDE - 80 GALS

DOCUMENT CONTROL DATE
 JAN 1 1988
 DUNE POWER COMPANY
 ENGINEERING

DUNE POWER COMPANY
 CAMDEN, NEW JERSEY 08104
 EST. 1988
 CAMDEN, NEW JERSEY 08104

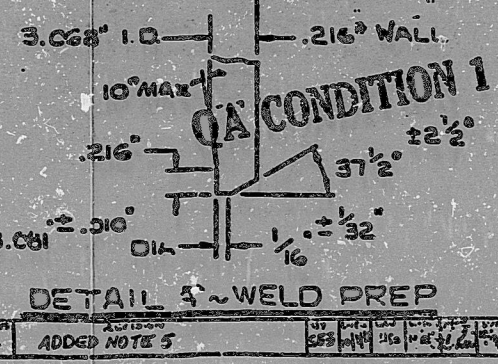
NUCLEAR SAFETY RELATED

6-176	MOVED CPLG G-5 TO 90°		
1-255	REVISED SUPPTS & LOCATION OF NOZZS A & B ON HD.		
3-15-75	DIM. FROM BASE R TO CONN' F WAS 17 3/8" ADDED SEISMIC NOTES & REACTIONS. REVISED LOCATION OF A, B, G ₂ , E, G ₁ & PER PAR 2.0		
DATE	REVISION	BY	APPROV

JOSEPH OAT CORP.
 CHEMICAL ENGINEERS/DESIGNERS/FABRICATORS
 EST. 1988 CAMDEN, NEW JERSEY 08104

VERT LETDOWN H.X. OUTLINE DWG
 FOR WESTINGHOUSE ELEC CORP
 PWRSD
 PITTSBURGH PA.

REF. NO. _____ JOB NO.: J-2268-2
 R.O. NO. (BASE) 215350
 DRAWN: FMCA DATE 3-22-75 NO. REQ'D: (2)
 CHECKED: _____ DATE: _____ DRAWING NO. 5663
 APPROVED: _____ DATE: _____ REV D4



ANSTEC APERTURE CARD

PDR RIDS

9603180312

