



NOTE 1 - ALL WELDS ON THIS ISO RECEIVES FULL INSPECTION.  
 NOTE 2 - THIS SYMBOL Δ DENOTES MATERIAL THAT IS PART OF A PRE-ASSEMBLED SECTION TO BE USED BY INSPECTOR FOR FIT UP & NEAT NO. CHECK ONLY.

FOR INFOR. ONLY		WARRANTY	
SIZE	SS CS	PIPE	WELD
< 1/2"	23		
1/2" - 8"			
8" - 12"			
14" - 20"			
> 20"			
TOTAL		23	
TOTAL RT WELDS		0	
TOTAL PT WELDS		23	

GRID	REV. NO.	DESCRIPTION	DATE	BY	CHKD.	APP'D.
	0	REL FOR CON. PER VNY 2,362	7-28-77	JKK	JKK	JKK
	1	ADD MAT. (N) AT CONT. (VNY 2,362)	11-23-79	JKK	JKK	JKK
	2	CORRECT FLAG AT VLV. 2NV31 (SEE LAY-OUT DRAWG)	5-20-81	JKK	JKK	JKK
	3	ADD MAT. (N) AT CONT. (VNY 2,362) CLEARING CONT. & VLV. 2NV31 TO SHOW AS A CHECK VLV. PER ADJUNCT.	5-18-82	JKK	JKK	JKK

FOR INFORMATION ONLY

SI APERTURE CARD

ITEM	SIZE	DES.	SPEC./GRADE	SCH./RATE	REMARKS
(N)	3/4"	VLV. 2NV 32	IN. 9J-7		
(M)	2"	VLV. 2NV 31	IN. 9J-4		
(L)	2"	VLV. 2NV 10	IN. 9J-4		
(K)	1 1/2"	FLANGE	SA-1821F316	1500#	RF SW
(J)	2" X 3/4"	RED. INS.	SA-1821F304	SA-403 NIP304	6000# DRILL TO .375 ID.
(I)	3/4"	PIPE	SA-312 17R304	SA-376 17R304	SCH. 160 SMLS
(H)	1 1/2"	PIPE	SA-312 17R304	SA-376 17R304	SCH. 160 SMLS
(G)	2" X 1 1/2"	RED. INS.	SA-1821F304	SA-403 NIP304	6000# FS. SW
(E)	THIS MATERIAL ID, NOT USED ON THIS ISO.				
(D)	2"	TEE	SA-1821F304	SA-403 NIP304	6000# FS. SW
(C)	2"	45° ELL.	SA-1821F304	SA-403 NIP304	6000# FS. SW
(B)	2"	90° ELL.	SA-1821F304	SA-403 NIP304	6000# FS. SW
(A)	2"	PIPE	SA-312 17R304	SA-376 17R304	SCH. 160 SMLS

OR

BILL OF MATERIAL AA CONDITION I

LAST WELD NO. 23

DUKE POWER COMPANY  
 MCGUIRE NUCLEAR STATION

LAST FL. NO. 1

NUCLEAR SAFETY RELATED YES NO

REACTOR R-22

PIPE SPEC: 1501.1 EYE SYMBOL: NV SEC. NO: 19 DRAWING NO: 20-25 EL: 745'-0"

APPLICABLE CODE: ASME SECT. III CLASS: A ISO. NO: MCFI-2NV275 REV: 3



*phi series No.*

8904030065

PDR RIDS

