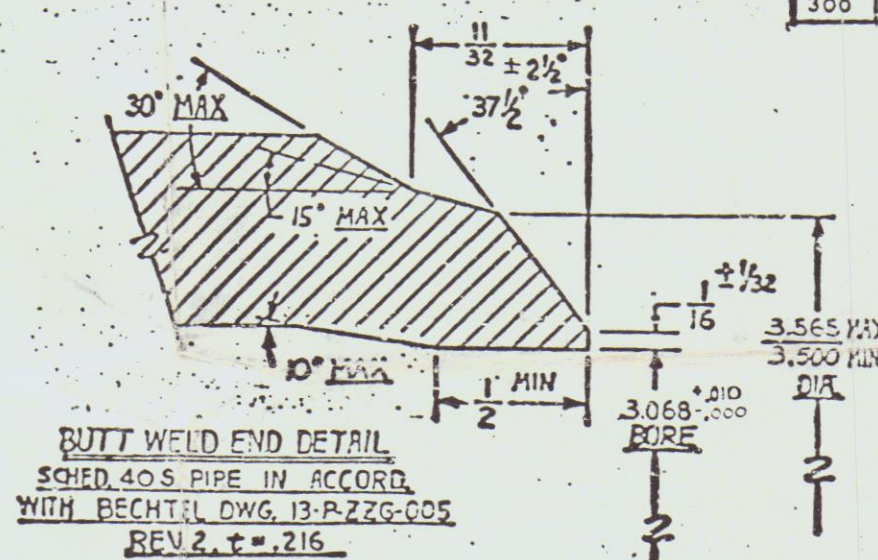


certify that the image contained on this frame was made in the normal and regular course of business and that it is an accurate reproduction of the document submitted for microfilming.

Camera Operator	Film Date	Film Time



1. VALVE DESIGN IN ACCORDANCE WITH ASME BOILER AND PRESSURE VESSEL CODE SECTION III, NUCLEAR POWER PLANT COMPONENTS CLASS 2, 1974, WITH SUMMIT ADDENDA 1975 AND BECHTEL SPECIFICATION NUMBER 13-PM-2218.
2. HYDROSTATIC TESTS PER NCG600 AND MSS SP-61:
 - A. SHELL TEST PRESSURE: 425 PSI FOR 10 MINUTES.
 - B. SEAT TEST PRESSURE: 300 PSI FOR 4 MINUTES.
 - C. SEAT LEAKAGE RATE: 6 CC/HR. MAX.
3. NONDESTRUCTIVE EXAMINATIONS PER NCG2000:
 - A. RADIOGRAPHIC OF CAST BODY, BONNET, BUTT WELD ENDS AND DISC: NO
 - B. MAGNETIC PARTICLE EXAMINE CAST BODY, BONNET, AND DISC: NO
 - C. LIQUID PENETRANT EXAMINE WELDS, MACHINED END SURFACES, HARDFACED SURFACES AND BASE METAL ADJACENT TO HARDFACED SURFACES.
4. WEIGHT OF VALVE ASSEMBLY: 295 LBS. APPROXIMATELY.



PART NO.	DESCRIPTION	MATL SPEC. A-M-E-B-A-T-A-T-H-A
001	BOOY	SA 331 CF8M
002	ROM-RET	SA 331 CF8M
003	DISC (C-A-FACED)	SA 331 CF8M
011	YEEB	A 331 CF8M
012	SEAT R. 2 (C-A-FACED)	SA 240 TT 316
280	FOR BOLTING TORQUE AND FASTENER MATLS	SEE MOV DWG. 13-J
056	INDICATOR ROD	A582-416T
025	STEM	A 354 TT 310
100	GUAJET	SEE MOV DWG. 13-J
107	GLAND	A 479 TT 316
109	LANTERN RING	A 479 TT 316
110	PACKING (LOWER)	JOHN CRANE 241
111	PACKING (UPPER)	JOHN CRANE 241
118	BACKSEAT (INTEGRAL)	CO CR-A
120	GLAND PLUG	A 240 TT 316
230F	ENTRANCE CONNECTOR	STL & MCOPFENE
200	STUD (BO NET)	SA 564 TT 630
209	GLAND BODY	A 133 88A
220	SET SCREW	A151-316
230A	NUT (BODY)	SA 154 8M
230B	NUT (GLAND BOLT)	A 154 8M
242	GLAND NUT CAPSCREW	A 151-316
250	PLUG (LEAK-OFF CON.) 1/2 N.P.T.	A 182 F 316
250B	HEX BUSHING	COMM. STEEL
260	NAME PLATE	A 240 TT 316
114	PACKING (END RING)	JOHN CRANE 1625GF
215B	FOR BOLTING TORQUE AND FASTENER MATLS	MOV DWG. 13-J
300	MOTOR ACTUATOR	512-COO-E

EQID: 13JRDAUV0023

DISTRIBUTION TO: FOR: REVIEW INFO

- MECHANICAL
 - BALANCE OF PLANT
 - BOILER NSSS
 - PLANT UTILITIES
- PLANT DESIGN
- CONTROL SYSTEMS
- ELECTRICAL
 - WIRING
 - CONDUIT
- AMS
- PAINTING & COATINGS
- CIVIL/STRUCTURAL
- NUCLEAR
- STRESS
- ARCHITECTURAL
- STARTUP
- CONSTRUCTION
- NOT REQ'D BY ENG'G
- CLIENT

IDENTIFYING TITLE OF THIS DOCUMENT

SALE

DATA CODE 1.3
ACTIVITY PKG NO. —
ENGR SYSTEM NO. —
QUAL. CLASS Q
Bechtel Log No. 13 10407

Bachtel Log No. 13 10407

P221B - 293 - y

IMPORTANT

Permission to proceed does not constitute acceptance or approval of design details, calculations, analyses, test methods or materials developed or selected by the supplier and does not relieve supplier of full compliance with contractual obligations.

DATE RECEIVED: 01/17/78

NO. OF COPIES: 1

DOCUMENT STATUS: ☒ REVISOR MAY PROCEED

REVISIONS AND RESUMITS:
NONE HAVE BEEN PROCESSED.
NO RECOMMENDATIONS
OR CHANGES INDICATED.

REVISOR AND RESUMITS:
NONE HAVE NOT BEEN PROCESSED.

DISPOSITION ONLY:
DISTRIBUTION REQUEST YES

10/12

10/12/78

D	WEIGHT OF VALVE ASSEMBLY WAS 835, SHELL TEST PRESURE WAS 3250, SEAT TEST PRESURE WAS 2200, SEAT LEAKAGE RATE WAS 12	F M 9/ 20
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1 JORDA-UV-23		EG374-45		129		211		Q18	
TAG NO.		SUO NO.		ITEM NO.		MASTER VALVE MARK NO.		PROJECT CLASS	
UNITS 2 & 3 WILL HAVE PREFIX 1 & 3		ANCHOR/DARLING VALVE CO.		ARIZONA		PUBLIC SERVICE COMPANY		P.O. NO. 10407-13-PM-2218	
ALTO VERDE NUCLEAR GENERATING STATION				UNITS 1, 2 & 3					
C TAG NO. WAS 2JORDA-UV-23. TOL. ON 3068 BORE WAS ±.010		LBL 3-79		ANCHOR/DARLING VALVE COMPANY MAYNARD, CALIFORNIA					
B REV. MAT. FOR PARTS 100, 110, 111, 230F & 250S		LBL 3-79		3"-150* GATE VALVE, DBL. PACKING, CAST ST/STEEL - BOLTED BONNET, B.W. ENDS, MOTOR OPERATOR					
PART NO. 250B WAS PLUG. ADDED 56 & 230F 1/4 PITCH & LEAD WERE 1/6, ±.010 WAS ±.031, CHANGED ANSWER OF 3A TO NO., & 46 MIN. WALL WAS .22.		LBL 3-79		DATE: 10-5-78		SCALE: NONE		93-151-97	
A		LTL		REVISED		BY DATE		APP'D DATE	
129		211		Q18		10-6-77		-SUJ-5746-153	

FWNGS **APS** REVISION (AR) TO SUPPLIER DOCUMENT

PACKAGE			AR		REVISION		NOTES		ORIG		CHECKER	RE	QA	
NO.	NO.	DATE			DESCRIPTION		SUB	STATUS						
AR 923	1	8-26-92			INCOMP SDCN #A09972. WHICH SUPD A07751		6	1	CAW	PB	-	-	-	
ARC 1302	2	6-30-95			INCOMP. EDC#94-00441		7	1	JA		-	-	-	

CHK NO.	CHANGES/COMMENTS	NOTES 1 2	GS	PE	DATE
/	VENDOR IMPROVED CAPSCREW MTC FROM AISI 316 TO A316 A574 (ITEM 215B)	No 1			9/22/83
	PER VENDOR, INSTRUCTIONS CHANGE TO DEN C. MIC 18E986	()			
*	REF. A/DV TUEX 2/24/83 (DPR 112SPR0014)	()			
		()			
		()			

PGNSG
JOB 1046

U.S. NUCLEAR POWER DIVISION

NOTES:

1 INDICATE "YES" OR "NO" IF SUPPLIER DOCUMENT MUST BE RESUBMITTED. IF "YES" ASSIGN NEW STATUS [] ABOVE

2 INDICATE APPLICABLE UNIT NO(S) REQUIRING MODIFICATION BY BECHTEL CONSTRUCTION

NOTES: 1. **DDC SHALL ENTER DOCUMENT SUBMITTAL NUMBER**
2. **DE SHALL ENTER CORRECT DOCUMENT STATUS**

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DANSTEC
APERTURE
CARD

50-528
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MAY NOT BE SUITABLE FOR REPRODUCTION