



PART NO	QTY	DESCRIPTION	MATERIAL	REVISIONS	BY	DATE
001	1	BODY	A218-WCB			
002	1	BONNET	A218-WCB			
004	2	DISCS	A515-70 WITH NI-CR (SEE NOTE 4)			
010	1	YOKE	A218-WCB			
013	2	SEAT RINGS	A515-70 WITH NI-CR (SEE NOTE 4)			
024	1	STEM	A564-830-1073			
089	1	UPPER WEDGE	A218-WCB WITH NI-CR (SEE NOTE 4)			
071	1	LOWER WEDGE	A218-WCB WITH NI-CR (SEE NOTE 4)			
072	2	DISC RETAINERS	A108-1018			
100	1	GASKET (BONNET)	304SS AND GRAPHITE			
107	1	GLAND	A582-418T			
110	3	PACKING RINGS	CHESTERTON 5300 (GPI) (SEE NOTE B)			
112	2	PACKING RINGS (END)	CHESTERTON STYLE ONE - CI (SEE NOTE B)			
117	1	BACKSEAT	A105 WITH NI-CR (SEE NOTE 4)			
130	1	GLAND FLANGE	A38			
146	1	INDICATOR ROD	A582-16T			
200	24	BONNET STUDS	A193-B7			
201	4	YOKE STUDS	A193-B7			
205	2	GLAND STUDS	A193-B7			
218	8	ACTUATOR CAPSCREWS	A574			
230	24	BONNET NUTS	A194-2H			
231	8	YOKE NUTS	A194-2H			
234	4	GLAND STUD NUTS	A194-2H			
238	1	INDICATOR ROD NUT	CARBON STEEL			
241	2	DISC RETAINER NUTS	CARBON STEEL			
249	2	COTTER PINS	AISI 318			
267	1	WEDGE PIN	A108-1018			
289	1	WEDGE SPRING	INCONEL X750 (UNS N07750)			
293	8	ACTUATOR LOCKWASHERS	CARBON STEEL			
303	1	DIRT WIPER	STEEL AND RUBBER			
322	1	PIPE (BYPASS)	A108-B 1"-SCH 160			
333	1	PIPE CAP (STEM PROT)	COMMERCIAL IRON			
334	1	PIPE NIPPLE (STEM PROT)	CARBON STEEL			
343	1	PIPE CAP	A105			
344	1	MARKING PLATE	AISI 304			
346	1	IDENTIFICATION PLATE	AISI 304			
400	1	MOTOR ACTUATOR	LIMITORQUE SMB-1-40			
429	2	LIVE LOAD SPRING PACKAGES	CHESTERTON MODEL NO. 5150			

- NOTES
1. CALCULATED VALVE WEIGHT INCLUDING ACTUATOR = 2860 LBS ± 10%
 2. APPROX C_v = 17,375
 3. VALVE IS DESIGNED IN ACCORDANCE WITH ANSI B16.34 - 1988 SPECIAL CLASS
 4. NI-CR HARDFACING IS 9FA-5.13(RNICR-B OR ENICR-B) OR MIL-R-17131C(MIL-PNICR-B-2)
 5. VALVE MARK NO.: VGV-30
 6. VALVE SERIAL NO.: EB135-1-1
 7. VALVE TAG NO.: 10-MOV-362
 8. PACKING SIZE: 2" I.D., 3" C.D., 1/2 SQUARE
 9. ITEM # 322 IS THE PRESSURE EQUALIZATION LINE
- SEE DWG NO. 99-146 FOR CONT.

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APERTURE CARD

UNCONTROLLED DRAWING

Caution-Extended use of this drawing copy may result in its inaccuracy due to subsequent design changes and drawing updates.

Q.A. CAT. I
NUCLEAR SAFETY RELATED

NEW YORK POWER AUTHORITY
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
CUST. P.O. NO.: 0210928-86 ITEM 1.0
ANCHOR/DARLING S.O. EB135-1

ANCHOR/DARLING VALVE COMPANY

**16"-300 WELD ENDS CARBON STEEL
DOUBLE DISC GATE VALVE
WITH SMB-1-40 LIMITORQUE ACTUATOR**

DESIGNED BY: ACW	DATE: 6-24-80	DESIGN TYPE: DCA	REV: 1
CHEK BY: DLO	DATE: 8-20-80	WIP: 01230181	A
APPROV BY: RHM	DATE: 3-31-88	1 2 3 4 5 6 7 8 9	

REV	DATE	DESCRIPTION	OWN	DS	DE	PROJ	APP
A	7/24/80	ORIGINAL ISSUE SUPERSEDES DOC NO. 6.27-202 AS-FULT PER MOD. N.Y.P.A. 0-83					
REVISION OR ISSUE BY NYP&							
New York Power Authority JAMES A. FITZPATRICK NUCLEAR POWER PLANT							
TITLE: 16" MOTOR OPERATED VALVE, CL. TYPE ANI							
DIMENSIONS - VGV 30							
COMPONENT I.D. NO. 10-MOV-29F							
VENDOR: ANCHOR/DARLING VALVE CO.							
VENDOR DWG. NO. W99230-1							
FILE NO. 6.37-299							
							REV. A.

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PDR RIDS

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