



- ▲ FULL PENETRATION WELD PER AWS D10.10 OR AWS 5.16.
- ▲ SEAL WELDED PER AWS D10.10 OR AWS 5.1.
- ▲ WELD TYPED PER MIL-N-8875 CLASS D COND H-1075.
- ▲ WELD FILLED PER AWS D10.10 OR AWS 5.1.
- ▲ MATERIAL CONFORMS TO ASME BOILER AND PRESSURE VESSEL CODE SECTION II AND AWS D10.10, EXCEPT ULTRASONIC EXAMINATION.
- ▲ APPLY APPLICABLE NOMENCLATURE PER AWS D10.10 CLASS 2.
- ▲ CHARACTER TO BE .030 FROM MINIMUM.
- ▲ N-TYPE SYMBOLIC STAMP SHALL BE APPLIED PER NUCLEAR PRODUCTS QUALITY ASSURANCE MANUAL SECTION 4.
- ▲ WELD BE PURCHASED FROM HAWTHORNE INDUSTRIES, FORT HENDON, ILL.
- ▲ RADIOGRAPHIC EXAMINATION PER AWS D10.10 OR AWS 5.1.
- ▲ WELD BE PURCHASED FROM STEEL CORP., CHICAGO, ILL.
- ▲ WELD BE PURCHASED FROM HAWTHORNE INDUSTRIES, FORT HENDON, ILL.
- ▲ PRESSURE SHALL BE IN ACCORDANCE WITH ATP 103162.
- ▲ PRESSURE RESISTANCE TEST PER ASME BOILER AND PRESSURE VESSEL CODE SECTION II, CLASS 1.
- ▲ TESTING INSTRUMENTS SHALL BE CALIBRATED TO PER AWS D10.10.

- ▲ SILVER PLATED PER ASTM B 254.
- ▲ TORQUE TO 275-300 FOOT POUNDS.
- ▲ WEIGHT: VALVE 35.7LB DRY 36.0 LB WET AND ORDER 261 LB.
- ▲ COMBINED OPERATOR AND VALVE 63.7 LB WET.
- ▲ APPLY APPLICABLE NOMENCLATURE PER AWS D10.10 CLASS 2.
- ▲ CHARACTER TO NS 2.30 MIN HIGH.
- ▲ COEFFICIENT OF FRICTION: $C_f = 752$ (CALCULATED).
- ▲ MIN. HULL THICKNESS AS INDICATED & PLACES 90° APART.
- ▲ MIN. HULL THICKNESS AS INDICATED 3 PLACES 90° APART.
- ▲ MARK ALL PARTS EXCEPT ITEMS 9, 9, 29, 38 AND 53.
- ▲ PAINT FOR LINE POWER SPECIAL MARK. QUALITY ASSURANCE FOR PAINTING TO BE PER SPEC POWER CO SPECIAL MARK. SEE NOTE FOR PAINTING INSTRUCTIONS.
- ▲ TORQUE TO 100-150 INCH POUNDS.
- ▲ MATERIAL CONFORMS TO ASME BOILER AND PRESSURE VESSEL CODE SECTION II AND AWS D10.10 EXCEPT RADIOGRAPHIC EXAMINATION.
- ▲ TORQUE TO 30-35 FOOT POUNDS.
- ▲ TORQUE TO 35 MAX FOOT POUNDS.
- ▲ TORQUE TO 200 MAX FOOT POUNDS.
- ▲ MAXIMUM CLOSURE OUTLET TO BE LESS THAN 200 FPM.
- ▲ FORTUITOUS EXAMINATION PER AWS D10.10 OR AWS 5.1.
- ▲ CLEAN AND PICKLE PER AWS D10.10.
- ▲ OPERATION SHALL BE OBSERVE VALVE AT A MAXIMUM DIFFERENTIAL PRESSURE OF 2405 PSI.

FOR INFORMATION ONLY

PART NO.	DUKE POWER CO./MILL POWER SUPPLY CO.
74360	SJ-219

GA CONDITION I

A SEAL WATER CONNECTION HAS BEEN ADDED TO PARTICULAR TAG NOS.; REFERENCE CMM-127350-0005

ANSTEC APERTURE CARD

REV	DESCRIPTION	DATE	BY
B	REVISED - SEE ECR		
C	REVISED - SEE ECR		
D	REVISED - SEE ECR		
E	REVISED - SEE ECR		
F	REVISED - SEE ECR		

NO.	DESCRIPTION	QTY	UNIT
1	70000-000	1	PCB PCB
2	70000-000	1	PCB PCB
3	70000-000	1	PCB PCB
4	70000-000	1	PCB PCB
5	70000-000	1	PCB PCB
6	70000-000	1	PCB PCB
7	70000-000	1	PCB PCB
8	70000-000	1	PCB PCB
9	70000-000	1	PCB PCB
10	70000-000	1	PCB PCB
11	70000-000	1	PCB PCB
12	70000-000	1	PCB PCB
13	70000-000	1	PCB PCB
14	70000-000	1	PCB PCB
15	70000-000	1	PCB PCB
16	70000-000	1	PCB PCB
17	70000-000	1	PCB PCB
18	70000-000	1	PCB PCB
19	70000-000	1	PCB PCB
20	70000-000	1	PCB PCB
21	70000-000	1	PCB PCB
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25	70000-000	1	PCB PCB
26	70000-000	1	PCB PCB
27	70000-000	1	PCB PCB
28	70000-000	1	PCB PCB
29	70000-000	1	PCB PCB
30	70000-000	1	PCB PCB
31	70000-000	1	PCB PCB
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34	70000-000	1	PCB PCB
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37	70000-000	1	PCB PCB
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55	70000-000	1	PCB PCB
56	70000-000	1	PCB PCB
57	70000-000	1	PCB PCB
58	70000-000	1	PCB PCB
59	70000-000	1	PCB PCB
60	70000-000	1	PCB PCB

NOTES:

- 1. VALVE ASSY, GATE - 4 NO. 1512 LB. CRES. WITH MOTOR OPER. SHILO.
- 2. 70000
- 3. 74360

PDR RIDS

9603040328

