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**Florida
Power**
CORPORATION

May 12, 1980

File: 3-0-1-a
3-0-3-A-3

Mr. Morton B. Fairtile
Project Manager
Operating Reactor Branch #4
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Fairtile:

The valve design parameters and a copy of the Atmospheric Dump Valve drawing that you requested is enclosed. The valves are made by Fisher Governor and model EP-667-HJ.

The approximate working parameters are listed below.

Pressure	885 psig
Temperature	563°F
ΔP	885 psi

Sincerely,

FLORIDA POWER CORPORATION

William R. Klein

William R. Klein

WRKhewF08
D3

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

A001
5/1

EP-667-MJ Fisher

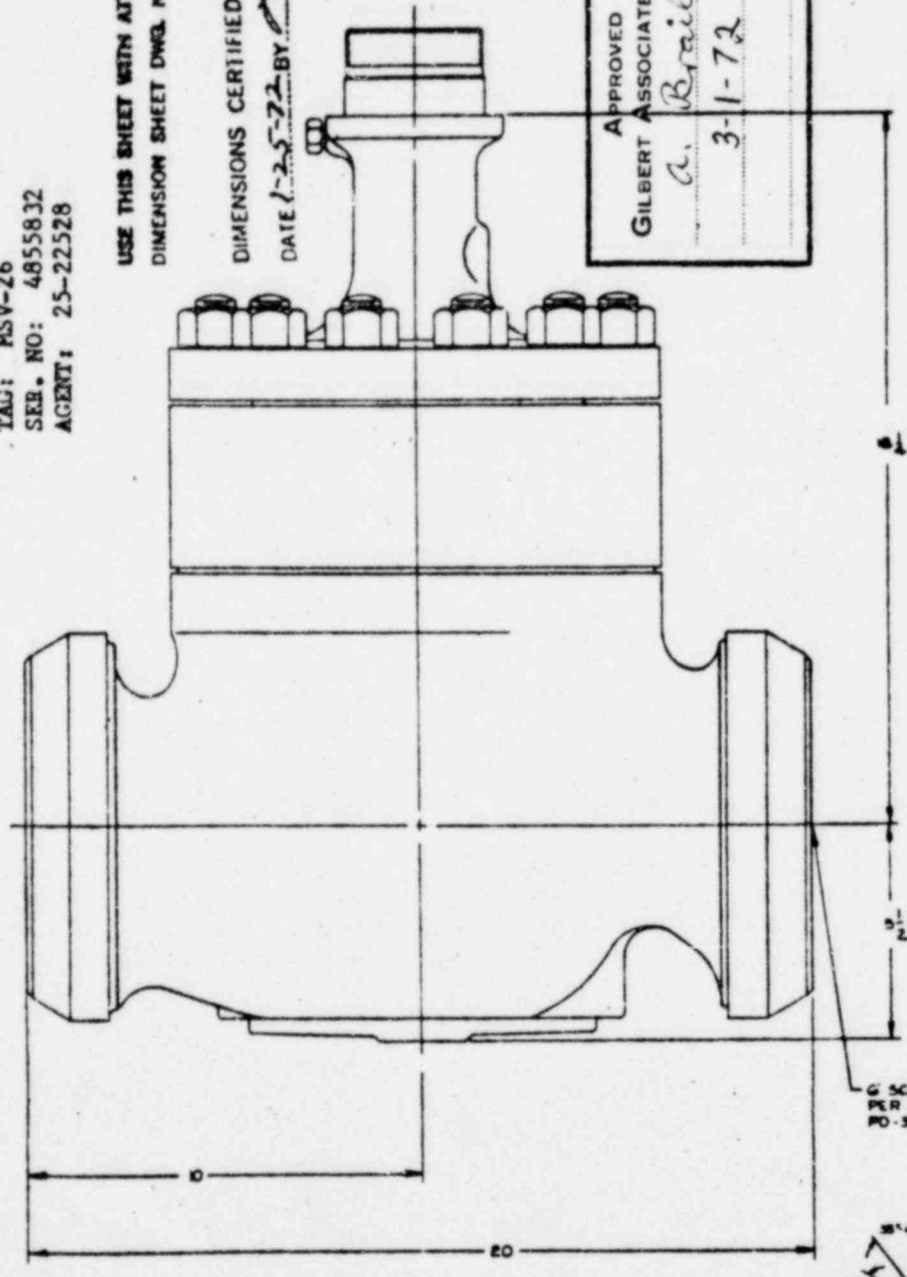
30A0G49

CUST: Florida Power Corporation
P.O.: PR3-1419
REQ. NO: 513-313
TAG: MSV-26
SER. NO: 4855832
AGENT: 25-22528

USE THIS SHEET WITH ATTACHED
DIMENSION SHEET DWG. NO. 87392A

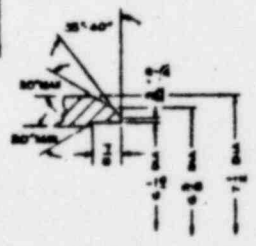
DIMENSIONS CERTIFIED CORRECT

DATE 1-25-72 BY R. V. [Signature]



APPROVED
GILBERT ASSOCIATES, INC.
A. Briler
3-1-72

GILBERT ASSOC. INC. W.O. NO. 4203-78-449-0
2872 4203



SIZE 6		TYPE EP		STEAM DUMP VALVE	
PCB & TO		PCB & TO		PCB & TO	
REP. & NO		REP. & NO		REP. & NO	
NONE		NONE		NONE	
FISHB. & CO.		FISHB. & CO.		FISHB. & CO.	
GOVERNOR CO.		GOVERNOR CO.		GOVERNOR CO.	
8" SMALL VALVE WORK		8" SMALL VALVE WORK		8" SMALL VALVE WORK	
1 inch 22000		1 inch 22000		1 inch 22000	

4203-78-449-0

DESCRIPTION STM, GEN. 3D DISCH. - TURB. BYPASS TO ATMOS. TAG NO. MSV-26
 SPECIFICATION DATA BY JJS DATE 12-21-72 REV. 9

SERVICE CONDITIONS				ACTION			
FLUID FLUID <u>STEAM</u>				CONTROL SIGNAL <u>3-27 PSI</u>			
				CLOSE AT	OPEN AT	<u>3</u>	<u>27</u>
				AIR FAILURE	PUSH DOWN	CLOSE	CLOSE
				FLOW	SPRING	OPEN	OPEN
FLUID RATE <u>910, 500 GPM</u>				ACTUATOR			
TEMPERATURE <u>600</u>				TYPE			
VALVE INLET PRESS. PSI <u>910</u>				NO. OR AREA			
VALVE OUTLET PRESS. PSI <u>ATMOS.</u>				DIAPH. <u>1-70</u>			
INLET VELOCITY FPS <u>"</u>				SUPPLY PRESSURE <u>85 PSIG</u>			
ALLOWABLE SHUTOFF FLOW <u>NONE</u>				POSITIONER			
MAX. VALVE OP (INCH.) <u>11.05 PSIG</u>				REQUIRED <u>YES</u>			
PIPE SIZE UPSTREAM <u>6" - SCH 40</u>				INPUT SIG. <u>3-27</u>			
PIPE SIZE DOWNSTREAM <u>6" - SCH 40</u>				OUTPUT SIG. <u>14</u>			
SPEC. GRAVITY AT 60°F <u>"</u>				ACCESSORIES			
VISCOSITY <u>"</u>				FILT. REQ. <u>YES</u>			
MAX. OP AT SHUTOFF <u>11.05 PSI</u>				SOLENOID V. <u>NO</u>			
MAX. TEMP. <u>"</u>				BAROMETRIC <u>YES</u>			
BODY				LIMIT SW. <u>YES</u>			
BODY SIZE PORT SIZE <u>6" 1 1/2"</u>				CONTROLLER <u>NO</u>			
BODY STYLE <u>GLOBE - CASE</u>				HIGH STOP <u>NO</u>			
MATERIAL PRESS. STD. <u>CR. N.C.B. 6000</u>				1/2" TRANS. <u>YES</u>			
END COND. <u>B.WELD</u>				AIR LOCK <u>NO</u>			
LUB. <u>ISO VALVE</u>				COILING PINS <u>YES</u>			
PACKING <u>BRIDING</u>				VOLUME BOOSTERS <u>YES - ONE</u>			
TRIM				PIPING CODE CLASS <u>DD.1 E.S.</u>			
NO. OF PORTS <u>SINGLE</u>				DD.1.7 <u>0-1</u>			
MATERIAL <u>414 SS. HARDENED</u>				DD.2 <u>0-2</u>			
FLUID & SEAT FACING <u>414 SS. HARDENED</u>				DD.3 <u>0-3</u>			
GUIDE FACING <u>414 SS. HARDENED</u>				SEISMIC CLASS <u>1</u>			
REQD. CV <u>170"</u>				REMARKS <u>DWG PER FIG 3 OF GAZ DWG</u>			
RATED CV <u>170"</u>				PD-302-001			
<u>STEM</u>				VOLUME BOOSTERS FOR FAST SPRINGS			

ENGINEERING DATA

BY JJS

DATE 4/10/71 REV. 1

SERVICE STEAM GEN. 3D DISCH. - TURB. BYPASS TO ATMOS.

CONTROLLED BY INTEGRATED CONTROL SYS. E/P

PLAN DIAGRAM NO. FD-302-011

INSTRUMENT DIAGRAM NO. "

REMARKS

SEISMIC CALCULATIONS REQD.

MATERIAL DATA

BY JJS

DATE 4/10/71 REV. 0

MANUFACTURER FISHER

DWG. NO. "

MODEL NO. GG7-EP

VENDOR JACK M. SMITHER & CO

P.O. NO. PR-1413

ITEM 61

ACCOUNT NO. 102P417700

COST "

QUANTITY "

GILBERT ASSOCIATES, INC.
 ENGINEERS AND CONSULTANTS
 READING, PENNSYLVANIA

FLORIDA POWER CORPORATION
 ST. PETERSBURG, FLORIDA
 CRYSTAL RIVER UNIT 3

INSTRUMENT DATA

CONTROL
 VALVE
 2-15-72