

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 11999

FILE: _____

FROM: Florida Power Corp Miami, Fla J.T. Rodgers		DATE OF DOC 10-13-75	DATE REC'D 10-15-75	LTR xx	TWX	RPT	OTHER
TO: Mr. A. Schwencer		ORIG 1-signed	CC	OTHER	SENT NRC PDR	xxx	
					SENT LOCAL PDR	xxx	
CLASS	UNCLASS xxxx	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-302		
DESCRIPTION: Ltr re their 8-15-75 ltr furn addl info concerning documentation, test results, and any other design information pertaining to the substitute valves of Crystal River #3				ENCLOSURES:			
PLANT NAME: Crystal River #3							

POOR ORIGINAL

FOR ACTION/INFORMATION 10-18-75 JGB

BUTLER (L) W/ Copies	<input checked="" type="checkbox"/> SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies	REID (L) W/ COPIES
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/ Copies	
PARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPIES W/ Copies	
KNIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	IFM W/ Copies	

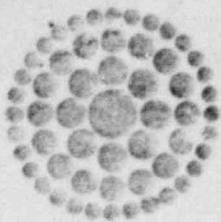
INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE NRC PDR	TECH REVIEW SCHROEDER	DENTON GRIMES	LIC ASST R. DIGGS (L)	A/T IND. BRAITMAN
OGC, ROOM P-506A	<input checked="" type="checkbox"/> MACCARY-2	GAMMILL	H. GEARIN (L)	SALTZMAN
GOSSICK/STAFF	KNIGHT	KASTNER	<input checked="" type="checkbox"/> E. GOULBOURNE (L)	MELTZ
CASE	PAWLICKI	BALLARD	P. KREUTZER (E)	
GIAMBUSSO	SHAO	SPANGLER	J. LEE (L)	PLANS
BOYD	<input checked="" type="checkbox"/> STELLO		M. RUSHBROOK (L)	MCDONALD
MOORE (L)	<input checked="" type="checkbox"/> HOUSTON	ENVIRO	S. REED (E)	CHAPMAN
DEYOUNG (L)	NOVAK	MULLER	M. SERVICE (L)	DUBE (Ltr)
SKOVHOLT (L)	ROSS	DICKER	S. SHEPPARD (L)	E. COUPE
GOLLER (L) (Ltr)	IPPOLITO	KNIGHTON	M. SLATER (E)	PETERSON
P. COLLINS	TEDESCO	YOUNGBLOOD	H. SMITH (L)	HARTFIELD (2)
DENISE	J. COLLINS	REGAN	S. TEETS (L)	KLECKER
<input checked="" type="checkbox"/> REG OPR	LAINAS	<input checked="" type="checkbox"/> PROJECT LDR	G. WILLIAMS (E)	EISENHUT
FILE & REGION (2)	<input checked="" type="checkbox"/> BENAROYA	BAWA	V. WILSON (L)	WIGGINTON
MIPC	VOLLMER	LESS	R. INGRAM (L)	
			M. DUNCAN (E)	

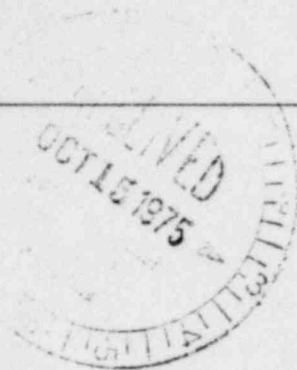
EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> LOCAL PDR Crystal River, Fla			
<input checked="" type="checkbox"/> TIC (ABERNATHY) (1)(2)(10)	NATIONAL LABS		1 - PDR SAN/LA/NY
<input checked="" type="checkbox"/> NSIC (BUCHANAN)	1 - W. PENNINGTON, Rm E-201 GT		1 - BROOKHAVEN NAT LAB
1 - ASLB	1 - CONSULTANTS		1 - G. ULRIKSON ORNL
1 - Newton Anderson	NEWMARK/BLUME/AGBABIAN		
1 - ACRS HOLDING/SENT			

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A



**Florida
Power**
CORPORATION



October 13, 1975

Mr. A. Schwencer, Chief
Branch No. 2-3
Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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In Re: Florida Power Corporation
Crystal River Unit No. 3
Docket No. 50-302

Dear Mr. Schwencer:

On August 15, 1975, Florida Power Corporation (FPC) officially informed the Commission that we were experiencing delivery problems concerning two feedwater valves (FWV-161 and FWV-162) shown on Figure 10-2 of the Crystal River #3 FSAR.

We submitted a proposal to the Commission to install two substitute valves as an interim modification to the Emergency Feedwater System with installation of the original valves FWV-161 and FWV-162 to take place at the first outage for Crystal River #3 allowing time for installation.

This interim modification is necessary in order that the completion of Crystal River #3 and subsequent fuel loading is not delayed.

At our meeting with you and members of your staff in Bethesda on August 19, 1975, you indicated that our proposed interim modification as outlined in our August 15 letter was acceptable. In addition, you requested that FPC furnish the Commission documentation, test results, and any other design information pertaining to the substitute valves.

In response to your request, we offer the following:

1. It is our estimate that five (5) working days would be required for removal of the substitute valves and the installation of the original valves FWV-161 and FWV-162.

Installation will be performed during the first outage period that allows an adequate "window" after receipt of the original valves. Should this window not occur, the original valves FWV-161 and FWV-162 will be installed at the first refueling outage which is scheduled for February, 1978.

2. Fisher Controls Company has provided FPC with a Manufacturer's Certification dated August 21, 1975. This certification states that the substitute valves were manufactured and shipped in accordance with contract specifications and quality control standards common to the control valve industry and are free from defects in material and/or workmanship.
3. The substitute valves are flanged 6" globe valves with carbon steel bodies rated at 600 psi and have a design valve body pressure of 1450 psig. The design temperature of the valve body is 450° F. The actuation is of a pneumatic fail closed construction with remote operation from the control room by a 125 volt DC solenoid valve.
4. The wall thickness of the substitute valves were measured to insure compliance with ASTM-B 16.5. The valves were measured in accordance with FPC Procedure Q-20, Valve Ultrasonic Test, on September 4, 1975, and were found to have a wall thickness in excess of .5 inches as required by ASTM-B .
5. The substitute valves were hydrostatically tested to insure compliance with ASTM-B 31.1. The valve bodies of the valves were hydrostatically tested to 2175 psig as required by ASTM-B 31.1 on September 19, 1975, and were found acceptable. The hydrostatic tests were performed in accordance with FPC Procedure TG-000-46-2.

Mr. A. Schwencer

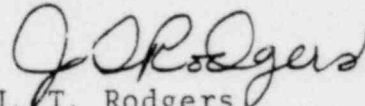
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October 13, 1975

6. The feedwater to which the substitute valves will be exposed is from the Emergency Feedwater System. The Emergency Feedwater System takes suction from the Condenser Hotwell and Condensate Storage Tank which are at approximately 95° F which is well below the design temperature (450°F) of the substitute valves.

Should additional information concerning these substitute feedwater valves be required, please do not hesitate to contact this office.

Very truly yours,



J. T. Rodgers
Asst. Vice President

JTR/iw