



**Florida
Power**
CORPORATION

July 29, 1986
3F0786-20

Dr. J. Nelson Grace
Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta Street N.W., Suite 2900
Atlanta, GA 30323

Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
IE Bulletin No. 86-02
Static "0" Ring Differential Pressure Switches

Dear Sir:

Florida Power Corporation (FPC) received the subject bulletin (dated July 18, 1986) on July 22, 1986. Mr. Roger W. Woodruff (Technical Contact) provided clarification, which we are following, on July 25, 1986.

The review of records, performed to date, indicates Florida Power Corporation has not installed SOR Series 102 or 103 switches as a result of our 10CFR50.49 Environmental Qualification of Electrical Equipment (EQ) program and does not have any SOR Series 102/103 switches in applications where the switch itself operates at a Technical Specification Limiting Condition for Operation Setpoint.

FPC has installed Series 103 switches in two applications at CR-3. Neither application is a safety-related function, although they are part of safety-related systems (Nuclear Services Closed Cycle Cooling [SW] and Chilled Water [CW]). The following information is provided for completeness rather than as a direct response to the bulletin's request.

The application in the SW system at CR-3 is to monitor the system leakage inside the reactor building. The SOR switches use differential pneumatic pressure as an indication of leak rate. Since this is a low pressure, pneumatic application, the bulletin concerns appear unrelated.

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The CH application is a gross measurement of flow in the chiller system supporting the Control Complex ventilation system. The purpose is to detect loss of flow (setpoint is approximately 50% of normal) as a protective interlock for chiller components to avoid freezing-up the unit. The bulletin concerns are not applicable because of the gross nature of the setpoint, the operating pressure (atmospheric), the presence of corrosion inhibitors, and the use of non-EQ O-rings (Viton vs. EPR).

FPC is continuing to review our records for completeness; however, the primary documentation sources, the Instrument List, and EQ Master List have been reviewed, and no further applications are expected to be identified in any other sources.

As requested in the bulletin, the original copy of the cover letter is being transmitted to the Document Control Desk in Washington, DC for reproduction and distribution.

Sincerely,



Rolf C. Widell
Manager, Nuclear Operations
Licensing and Fuel Management

RCW/feb

xc: Document Control Desk
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