

**Florida
Power**
CORPORATION

May 6, 1983
3F-0583-01

Director of Nuclear Reactor Regulation
Attention: Mr. John F. Stolz, Chief
Operating Reactors Branch No. 4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
10CFR50.44(c)(3)(ii)
Hydrogen Recombiner Requirement

Dear Sir:

On December 2, 1981, the NRC amended its regulations (effective January 4, 1982) on hydrogen control for nuclear power plants. Specifically, the subject portion of that regulation requires, "(b) by the end of the first scheduled outage beginning after July 5, 1982, and of sufficient duration to permit required modifications, each light-water nuclear power reactor that relies upon a purge/repressurization system as the primary means for controlling combustible gases following a LOCA shall be provided with either an internal recombinder or the capability to install an external recombinder. . ." Florida Power Corporation (FPC) has developed a preliminary plan to implement this new regulation and, at this time, wishes to apprise the NRC of the same. In the aggregate, the first scheduled outage beginning after July 5, 1982 and of sufficient duration to permit required modifications at Crystal River Unit 3 (CR-3) is Refuel V, which is presently scheduled for the Spring of 1985.

There are several factors which must be evaluated in looking at this schedule. First, it is the position of FPC that the installation of the capability to install an external recombinder must be safety grade in order to ensure that it will survive an accident. It is noted that the installation will not have redundant capabilities, making the safety grade criteria even more pressing. Secondly, a study performed for FPC prior to the new regulations estimated twenty-four (24) months for completion of the design, engineering, procurement, and installation of the above-mentioned single safety grade capability to install an external recombinder. FPC is progressing on this schedule and recognizes that the first scheduled outage for this installation is Refuel V in the Spring of 1985.

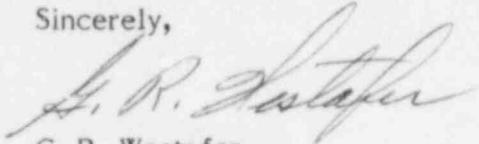
8305130002 830506
PDR ADDCK 05000302
P PDR

A001

May 6, 1983
3F-0583-01
Page 2

This position documents Florida Power Corporation's compliance with the new hydrogen control regulations.

Sincerely,

A handwritten signature in cursive script, appearing to read "G. R. Westafer".

G. R. Westafer
Manager
Nuclear Licensing and Fuel Management

RMB:mm

cc: Mr. James P. O'Reilly
Regional Administrator, Region II
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
101 Marietta Street N.W., Suite 2900
Atlanta, GA 30303