

Florida Power

CORPORATION
Crystal River Unit 3
Docket No. 50-302

June 2, 1994
3F0694-09

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Post-Accident Hydrogen Control

References: A. FPC to NRC letter, 3F0990-04, dated September 20, 1990
B. NRC to FPC letter, 3N0293-02, dated February 2, 1993

Dear Sir:

Florida Power Corporation (FPC) has provided information concerning the design of the post-accident hydrogen control system at Crystal River Unit 3 in Reference A. In that letter, we stated that the installed combustible gas control system may not have met design requirements and commitments, but that the system is fully capable of performing its intended function. That letter also summarized modifications being performed to bring the system into conformance with the requirements and commitments. In Reference B, the NRC requested FPC to confirm the status of the modifications. This letter is in response to that request.

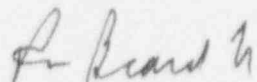
The post-accident hydrogen control modifications have been completed and satisfactorily tested. The modified purge system now has redundant flow control valves and flow instrumentation. In addition, the active electrical end devices have been qualified for use in the zone specific post-accident environment.

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All actions and modifications identified in Reference A have been completed and the system now fully satisfies the design and licensing requirements for Crystal River Unit 3.

Sincerely,



P. M. Beard, Jr.
Senior Vice President
Nuclear Operations

PMB:AEF/ff

xc: Regional Administrator, Region II
NRR Project Manager
Senior Resident Inspector