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Docket No. 50-302

Mr. J. A. Hancock
Director, Nuclear Operations
Florida Power Corporation
P. O. Box 14042, Mail Stop C-4
St. Petersburg, Florida 33733



Dear Mr. Hancock:

SUBJECT: TASK ACTION PLAN NUREG-0737, II.E.4.1.1 AND II.E.4.1.2 DEDICATED HYDROGEN PENETRATIONS

As part of the NUREG-0737 Implementation Plan for Operating Reactors, we have completed our review of II.E.4.1.1 and II.E.4.1.2 for Crystal River Unit 3 (CR-3). Your submittals of January 11, 1980 and December 15, 1980 show that existing systems at CR-3 are adequate with respect to the concerns of NUREG-0737 regarding dedicated hydrogen penetrations.

The following is stated in our Safety Evaluation of May 5, 1980:
"Crystal River 3 was licensed to use a hydrogen purge system for post-accident combustible gas control of the containment atmosphere. Therefore, Crystal River 3 was required to have a redundant, safety-grade and dedicated hydrogen purge system. Each dedicated containment penetration for the exhaust and the air supply of the hydrogen purge systems have redundant isolation valves in series outside containment. Therefore, these containment penetrations meet the single-failure criteria for containment isolation. There are redundant containment penetrations for hydrogen purge exhaust and two separate air supply systems each with a containment penetration for hydrogen purge air supply. Therefore, these containment penetrations meet the single-failure criteria for operation of the hydrogen purge system. The lines have been sized for the flow requirements of the purge system. This has been verified by the staff." Therefore, based on the above evaluation, we consider that NUREG-0737 Task II.E.4.1 is closed.

Sincerely,
"ORIGINAL SIGNED BY"
JOHN F. STOLZ

John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

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PDR

cc:
See next page

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DATE	8/19/81	8/19/81				

Crystal River Unit No. 3
Florida Power Corporation

50-302

cc w/enclosure(s):

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