Mr. John A. Hancock
Vice President, Nuclear Operations
Florida Power Corporation
ATTN: Manager, Nuclear Licensing
P. O. Box 14042, M.A.C. H-2
St. Petersburg, Florida 33733

Dear Mr. Hancock:

SUBJECT: NUREG-0737 ITEM II.K.2.16 RCP SEAL DAMAGE

In our November 23, 1981 letter we stated that FPC has adequately
demonstrated the continued integrity of their RCP seals upon a
loss-of-offsite power event. We further stated our conclusion is
based on the continued supply of seal injection coolant which is
automatically initiated and powered by the emergency diesel
generators. We now find that though the Crystal River Unit No1 3
SIW cooling system is loaded sequentially on the Diesel Generator
on loss-of-offiste power it is not initiated automatically. There-
fore since SIW system operation relies upon operator action to
reinstate the RCP seal injection water upon loss-of-offsite power
we have determined either the following actions be provided in
order to resolve the II.K.2.16 issue for Crystal River Unit No. 3:
(1) confirmatory experimentation demonstrating the RCP seal integrity
is maintained after two hours of coolant deprivation and quenching
as a result of reinstating seal injection water, or (2) automation
of the cooling systems such that the seal injection water is auto-
matically maintained following loss-of-offsite power, or (3) re-
analysis of FSAR Chapter 14 transients and accidents demonstrating
the seal failure will not result in unacceptable consequences.

We request within 30 days from receipt of this letter, your commitment,
description of method, and schedule for resolution of the II.K.2.16
issue.

Sincerely,

OFFICIAL SIGNED BY
JOHN F. STOLZ

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

cc:
See next page

OFFICE▶	ORB#4:DL	C-ORB#4:DL				
SURNAME▶	SMiner/cb	JStolz				
DATE▶	1/21/82	1/2/82				