

OCT 11 1984

DMB014

Docket No. 50-302

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Mr. William H. Schoenherr
 River Forest Association
 Box 253
 Yankeetown, Florida 32698

Dear Mr. Schoenherr:

This is in response to your letter to the Nuclear Regulatory Commission (NRC) dated August 5, 1984, regarding a proposed mining operation in Citrus County, Florida. The responsibilities of the NRC do not include the environmental effects of non-nuclear facilities such as the proposed mine. The Environmental Protection Agency may be able to assist you in those matters. However, the possible effects of the mining operations on Florida Power Corporation's nuclear plant, Crystal River, Unit 3, does fall within our jurisdiction.

Based on the limited information available to this office, the only possible significant effect would be ground motion resulting from blasting at the mine. Existing mines at approximately the same distance from the plant (four miles) have been limited to blasting with 1,000 pounds of TNT. We have made a conservative calculation of estimated ground motion resulting from a 10,000 pound charge four miles from the reactor which indicates that the resulting ground motion would be only a very small fraction of the design values in the plant.

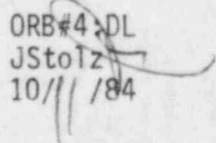
I trust the above describes the scope of our potential involvement in this matter and satisfies your concern in that area.

Sincerely,

ORIGINAL SIGNED BY
 JOHN F. STOLZ

John F. Stolz, Chief
 Operating Reactors Branch #4
 Division of Licensing
 Office of Nuclear Reactor Regulation


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