

**Florida
Power**
CORPORATION

November 10, 1989
3F1189-09

Nuclear Regulatory Commission
Washington, D. C. 20555
Attn: Document Control Desk

Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
Status of Security Program Improvements

Dear Sir:

On December 23, 1988 Florida Power Corporation (FPC) submitted a description of the scope for the evaluation of a completely new vital area access control system. FPC also committed to evaluate the recommendations of a security study and provide a description for planned improvements.

The study has been completed and possible enhancements were evaluated utilizing the following factors: regulatory compliance; system operability, reliability and maintainability; human factors; and economics. FPC will replace the present access control system with an improved system. This will include replacing the processor with dual CPU's, intelligent multiplexers, a fiber optic data loop and reconfiguring the central alarm station and the secondary alarm station consoles.

Additional improvements below are planned but may be subject to change if a more appropriate way of improving the system is identified. These improvements are as follows:

- The access control system upgrade will include both personnel and vehicle entry. This will cover replacing the nitrate, x-ray, and metal detectors and optimizing search lanes and badge issue for personnel entering the protected area. FPC is also considering replacing the card readers and door hardware. A vehicle trap and double entrance gates are being considered for vehicles entering the area.

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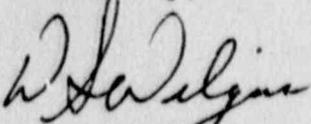
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- The protected area (PA) barriers will be upgraded starting with the squaring of the perimeter fence, where possible, and the completion of the inner nuisance fence except around the guardhouse.
- The closed circuit television (CCTV) cameras will be reconfigured around the modified fence line to provide complete coverage of both the inner and outer isolation zones and six new cameras will be added to eliminate problems due to sun glare.
- To ensure that there is a one-to-one correlation between the CCTV zones and the perimeter intrusion detection system (PIDS) zones, the microwave detectors may also need to be repositioned.
- The two remaining E-field fence zones may be replaced with microwave detectors to reduce maintenance.
- After the completion of the CCTV work, additional security lighting may be added to provide more uniform illumination.

The new security access control system is presently scheduled to be operational by the end of Refuel 8, with the remainder of the security upgrades currently scheduled to be completed in 1992.

If you have any questions concerning this issue, please contact this office.

Sincerely,



W. S. Wilgus, Vice President
Nuclear Operations

xc: Region Administrator, Region II
Senior Resident Inspector