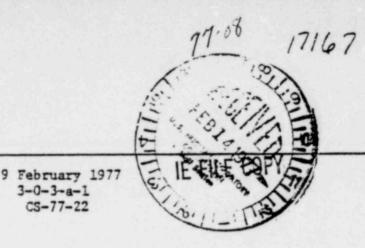


Florida

Power



Mr. Norman C. Moseley, Director Office of Inspection and Enforcement U. S. Nuclear Regulatory Commission 230 Peachtree St., N.W., Suite 818 Atlanta, Georgia 30303

Docket No. 50-302 License /DPR-72 Licensee Event Report 77-8

Dear Mr. Moseley:

This report is submitted in accordance with Technical Specification 6.9.1 and Regulatory Guide 1.16, Revision 4, Section 2.a. (4) as a written Fourteen (14) Day Report. Your office was notified on 3 February 1977 of this event.

While in Mode 3 (Not Standby) during startup, routine chemistry surveillance disclosed a Boron dilucion of approximately 50 ppm. This constituted a 0.57% reactivity insertion.

The cause of this event was inadvertent restoration of an unborated makeup and purification demineralizer following the loss of a 4160V unit bus. The demineralizer was immediately by-passed.

The shutdown margin remained greater than 47 & K/K and all Safery Rod Groups were withdrawn and cocked. Therefore, no adverse consequences resulted.

Ver; truly yours.

3-0-3-8-1

CS-77-22

FLORIDA POWER CORPORATION

P. Stowart

W. P. Stewart Director, Power Production

DWP/15

Enclosure

Egge Lir GPB clear Plant Manager



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