



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

RHODE ISLAND ATOMIC ENERGY COMMISSION  
Nuclear Science Center  
South Ferry Road  
Narragansett, R. I. 02882

May 17, 1983

U. S. Nuclear Regulatory Commission  
Region 1  
631 Park Avenue  
King of Prussia, Pa. 19406

Attention: Mr. W. Kinney

License R-95, Docket 50-193

Gentlemen:

On Monday May 16, 1983, we discovered a seepage of reactor pool water from an area below the thermal column case. The water appears to be seeping from a horizontal construction joint in the concrete biological shield. A rough estimate of the volume is 160 cm<sup>3</sup>/hr.

The mass of concrete in this section of the reactor pool wall/shield contains considerable embedded piping for coolant lines, anti-siphon lines, demineralizer line and chemical additive lines. We are planning and carrying out procedures to attempt to isolate the leak.

The technical specifications for this reactor do not specify a pool leak rate. It is, therefore, not clear that this situation is reportable.

Very truly yours,

A. Francis DiMeglio  
Director

AFD:ag

cc: NRC, Washington

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