



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 cm³/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

8305250445 830517
PDR ADOCK 05000193
S PDR

IE22