



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

RHODE ISLAND ATOMIC ENERGY COMMISSION

Nuclear Science Center
South Ferry Road
Narragansett, R.I. 02882-1197

January 15, 1985

Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, DC 20555

License R-95
Docket 50-193

Gentlemen:

It is hereby requested that license R-95 for the operation of the Rhode Island Nuclear Science Center reactor be amended. Specifically, it is requested that section K.3.e.(3)(a) on page 27 of the technical specifications be amended to read:

(3) Principal Nuclear Characteristics of the Core

(a) Core and Control System Reactivity Worth

1. The reactor can be made subcritical using control blades by at least 1% $\Delta k/k$ from the cold, Xe free, critical condition with the most reactive blade and the servo regulating element fully withdrawn.
2. The maximum worth of the servo regulating element shall be 0.7% $\Delta k/k$.

Justification

The existing technical specification is actually a design specification. This amendment request will change the "design" specification to a "performance" specification which assures that the reactor can be shut down from any operating condition and will remain shut down after cooldown and xenon decay, even if the highest worth control element should be in the fully withdrawn position.

All other core and reactivity specifications will remain unchanged.

Thank you for your consideration.

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Very truly yours,

A. Francis DiMeglio

A. Francis DiMeglio
Director

AFD:cd

cc: Rhode Island Atomic Energy Commission
Reactor Utilization Committee

Subscribed and sworn to before me
this 15th day of January 1985

David G. Johnson
Notary Public

My commission expires

6/30/1986