STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

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

Chief
Standardization and Special Projects Branch
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, DC 20555

License R-95
Docket 50-193

Dear Sir:

It is hereby requested that three modifications be made in the technical specifications for the Rhode Island Nuclear Science Center reactor as follows:

Modification 1: Change technical specification G.1.a., page 14, from

a. Liquid Radioactive Waste Disposal System

All liquid waste (except sanitary waste) from the facility shall flow to retention tanks. These tanks shall be located either underground with a dirt cover or in a locked room(s) in the reactor building.

to

a. Liquid Radioactive Waste Disposal System

All liquid waste (except sanitary waste) from the reactor building shall flow to retention tanks. These tanks shall be located either underground with a dirt cover or in a locked room(s) in the reactor building.

Justification: As presently written this specification requires that the liquid waste from laboratories flow to tanks. These laboratories are outside of the reactor building (but in the facility) and are used exclusively

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for byproduct material. Rhode Island is an agreement state and the use of radioactive materials in these laboratory spaces (including the disposal of liquid waste) is under the jurisdiction of the Rhode Island Radiation Control Agency. Removal of the requirement for laboratories will not change the requirement that liquid wastes originating in the reactor building flow to tanks. This change will allow for greater flexibility inrenewing the Rhode Island issued byproduct material license.

Modification 2: Change technical specification G.1.b., page 14, from

b. Gaseous Radioactive Waste Disposal System

All gaseous radioactive wastes from the beam ports, thermal column, pneumatic irradiation system and all other radioactive gas exhaust points shall be collected in a manifold and discharged to the reactor stack through an absolute filter, blower and damper. Radioactive gases from future laboratory spaces shall be disposed of using a system of this type.

to

b. Gaseous Radioactive Waste Disposal System

All gaseous radioactive waste from the beam ports, thermal column, pneumatic irradiation system and all other radioactive gas exhaust points associated with the reactor itself shall be collected in a manifold and discharged to the reactor stack through an absolute filter, blower and damper.

Justification: This change will remove from the specification inclusion of the hoods used exclusively with byproduct material. Rhode Island is an agreement state and the method for disposal of radioactive gases from hoods used with byproduct material is within the jurisdiction of the Rhode Island Radiation Control Agency. Removal of the requirement for "future laboratory spaces" will not change the requirement for the reactor itself. This change will allow greater flexibility in renewing the Rhode Island issued byproduct material license.

Modification 3: Change technical specification K.3.g., page 30, from

g. Waste Disposal and Facility Monitoring System

to

g. Waste Disposal and Reactor Monitoring System

Justification: This change is necessary to provide language consistent with Modifications 1 and 2 requested above.

Very truly yours,

A. Francis DiMeglio

A. Francis DiMeglio
Director

AFD:cd

Signed before me on this 28th day of July, 1983.

Notary Republic

My Commission Expires on 6/30/86