



CORNELL

Ward Center for Nuclear Sciences

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US Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

September 22, 2004

RE: Annual Report for Facility Licenses R-80 (Docket 50-157), and R-89 (Docket 50-97).

Dear Sir:

The purpose of this report is to satisfy the reporting requirements of 10CFR50 Section 50.59, in respect to activities related to the Cornell TRIGA Reactor (facility license R-80) and the Cornell Zero Power Reactor (ZPR) (facility license R-89) during the period beginning July 1, 2003 and ending June 30, 2004.

TRIGA License R-80:

1. Operating Experience

During the week of November 10, 2003 all spent fuel was removed from the TRIGA reactor facility and transferred to the Idaho National Engineering and Environmental Laboratory in Idaho Falls, Idaho. A decommissioning plan for the Ward Laboratory facility was submitted to the US NRC on August 22, 2003.

2. Changes in Facility Design

None

3. Changes in Procedures

None

4. Surveillance Tests and Inspections

All parameters and systems undergoing required surveillance, tests, and inspections were determined to be within specified limits.

5. Power Generation

Zero Watt-hours

A020

6. Emergency Shutdowns

None

7. Unintentional Scrams

None

8. Major Maintenance

None

9. Radioactive Waste Release

- 1) Liquid waste: 238 micro curies (gross activity)
- 2) Gaseous waste: none

10. Personnel Exposure

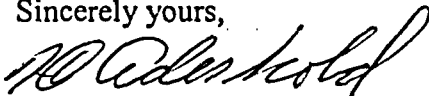
No significant radiation exposure to personnel was experienced.

ZPR License R-89

On February 12, 1997, the US NRC issued Amendment No. 4 which removed the authority from the license to operate the reactor. The ZPR fuel had been removed from the reactor grid plate prior to that date, and the reactor has been in a shutdown/safe-storage condition. On April 28, 2000, all SNM related to the ZPR was retrieved by a DOE contractor and placed in storage at the Portsmouth Gaseous Diffusion Plant. Decommissioning of the ZPR is included in the decommissioning plan for the Ward Lab facility submitted to the US NRC on August 22, 2003.

If any additional information is required concerning this report, please don't hesitate to contact this office.

Sincerely yours,



Howard C. Aderhold
Director

Cc: Director

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