

SAXTON NUCLEAR EXPERIMENTAL CORPORATION

ANNUAL REPORT

For the Period

January 1, 1978 - December 31, 1978

7903120326

Annual Report in compliance with Paragraph B.5.b of the Technical Specifications:

1. Information relating to changes in those staff positions that are designated as being responsible for the deactivated facility:

There have been no changes during this report period.

2. A summary of entries into the Containment Vessel or Radioactive Waste Disposal Facility and reasons for entry:

Quarterly inspections which required entry into the Containment Vessel and Radioactive Waste Disposal Facility were conducted on March 30, June 29, September 28, and December 29, 1978.

3. A summary of maintenance and design changes made to the deactivated facility:

There have been no changes during this report period.

4. Results of surveys of radioactive levels and of water sample analyses:

Four surveys of the facility were made during this report period. Radiation levels at the exclusion fence were less than 01. mr/hr.; radiation levels inside the Containment Vessel, above elevation 8i2, were generally less than 0.1 mr/hr.; radiation levels on the breather pipe filter were less than 0.1 mr/hr.; radiation surveys of the 20 permanently marked survey points were less than 0.4 mr/hr.

Analyses of the resident water in the TWDF in general indicates that the gross Beta-Gamma activity is about 2.5×10^{-6} ~~u~~ Ci/cc.

Inspection of the Containment Vessel lower levels indicates the vessel is dry and free of water.

5. A summary of the performance of security and surveillance measures:

There have been no attempted break-ins, vandalism, or other unusual events at the facility since decommissioning.