

CONNECTICUT COLLEGE

NEW LONDON, CONNECTICUT 06320

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DEPARTMENT OF ZOOLOGY

November 20, 1979

Director
USNRC, Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Gentlemen:

Sorry I slipped up on the report required by I.E. Bulletin 79-19. This will constitute our report (Byproduct license 06-09241-01: Amendment 5).

1. 10 CFR and 49 CFR are available.
2. When we dispose of waste, a collection contractor is used. Because shipments of low level wastes are only made every few years, contractor requirements will be obtained at the time service is requested.
- 3-8. The undersigned Radiation Safety Officer is the sole supervisor of all use of byproduct and other radioactive materials, of safe storage, of the preparation of low level radioactive waste shipments, and of inventory and waste-disposal records.
9. (1) No shipment of low-level radioactive waste was made during 1978 or 1979.

Comment: Last shipment was in September, 1975.

(2) None

(3) Yes. Total quantity less than 2 L/yr. Evaporated in fume hood using gentle heat.

Comment: Total volume of (dry) radioactive waste on hand is estimated to be about 1 cubic foot and contains (of long-half-lived isotopes) 124 μCi (Cs-137, 34 μCi : Sr-90, 30 μCi : C-14, 60 μCi).

Current plans are to reduce Cs-137 use in Radiation Biology course to about 4 $\mu\text{Ci/yr}$ and Sr-90 to about 2 $\mu\text{Ci/yr}$.

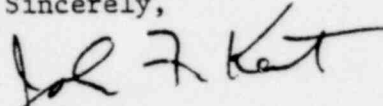
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At current rate of use, we should not have a storage problem for several years.

Sincerely,

A handwritten signature in black ink, appearing to read "J F Kent", written over a horizontal line.

John F. Kent
Radiation Safety Officer

JFK:ms

Copy to: NRC Office of Inspection and Enforcement
Division of Fuel Facility and Materials Safety Inspection
Washington, D.C. 20555

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