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UNIVERSITY OF ALASKA, FAIRBANKS
Fairbanks, Alaska 99701

INSTITUTE OF ARCTIC BIOLOGY

May 12, 1982

Radioisotope Licensing Branch
Division of Fuel Cycle and Material Safety
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ATTN: Doris J. Foster

The present letter is in response to your request (phone conversation May 6, 1982) for additional information concerning a requested amendment to NRC-50-02430-07 dated April 24, 1981 (Control No. 07681). The request was for additional information of the burial sites.

Conditions related to burial of radioactive waste were given in the original amendment request (April 24, 1981) and in a subsequent letter to the U.S.N.R.C. dated March 1, 1982 signed by Dan Holleman. The present additional condition restricts burial or surface spreading to two sites. The two sites are the "Muskox Area" and the "Reindeer Area". Both sites are on University of Alaska-owned lands and are used for maintaining experimental animals. No human food products come from the sites. Both sites are well-drained sites where the water table varies from 100 to 200 feet below the surface. The sites are relatively large, approximately 135 acres (Muskox Area) and 30 acres (Reindeer Area). Both are completely enclosed with eight (8) foot chain-link fences. Gates into the areas are locked and entry into the areas are limited to animal caretakers and investigators using experimental animals.

The area surrounding the "Muskox Area" is sparsely populated, however one residence is within 300 feet of the chain-linked fence boundary. No burial or surface spreading of waste will be conducted within 600 feet of the boundary fence. The area surrounding the "Reindeer Area" is owned by the University, therefore no private land is adjacent to the boundary fence. No burial or surface spreading will be conducted at either site within a distance of 1000 feet from a residential area.

A copy of a U.S. Geological Survey Map (FAIRBANKS D-2 NW, ALASKA, 1/24000) is enclosed which indicates the locations of the sites. The "Muskox Area" is located approximately two miles north-northwest of the University of Alaska campus on Yankovich Road. The "Reindeer Area" is located one mile west of the campus and north of the West Ridge Campus. The dark lines indicate the chain-link fence boundaries.

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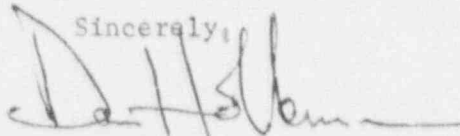
(Doris J. Foster)

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We hope the enclosed information is adequate however if you require additional information, please advise.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Dan Holleman', with a long horizontal flourish extending to the right.

Dan Holleman
Radiation Safety Officer
NRC 50-02430-07

Enclosure

DH:co

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MUSKOKX
AREA

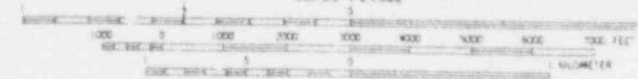
BETWDEER
AREA



QUADRANGLE LOCATION

FAIRBANKS D-2 NW, ALASKA
N84523-W14745/7.5 X 15

SCALE 1:24,000



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20541
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST