

file

FEB 15 1985

Wayne County Well Surveys, Inc.
ATTN: Danny Young
Radiation Protection Officer
P.O. Box 421
Fairfield, IL 62837

RE: Letter Dated December 7, 1984 To Amend NRC License Number 12-20223-01

Gentlemen:

In order to complete your request it will be necessary for you to submit the following:

- A. Submit the address of your new location located in the Industrial Park, Lot #24 (street address, route or highway no., etc.)
- B. From the diagram you submitted (Fig. #1), it appears that you have described the radioactive storage igloos' construction in the diagram at the bottom of the page. If this is not correct, please describe the construction of the radioactive storage igloo and clarify what the diagram at the bottom of Fig. #1 is supposed to be.
- C. Describe your method of securing materials at your new field station. Include boundaries, security fences, and the distances to the nearest accessible areas not under your direct control.
- D. Concerning the "close-out" survey of your North West Tenth Street location, since you are authorized to use unsealed forms of iridium-192, please specify whether or not you purchase this tracer material in prepared form. If you receive iridium-192 and pre-mix or prepare injection samples from a bulk vial of material at the North West Tenth Street location, your close-out survey should include your method of decontaminating the preparation area. Note that the survey should consist of exposure rate measurements to show that all sources of radioactive material have been removed, and contamination checks of areas where radioactive materials were used or stored. We recommend that average radiation levels associated with surface contamination not exceed 0.2 mR/hr at 1 cm and that removable contamination not exceed 200 dpm/100 cm². Please submit the following information with your close-out survey:
 1. A diagram of your old facility with survey and wipe test results keyed to specific locations.
 2. The name of the person performing the survey.
 3. The dated the survey was performed.

4. The instrument(s) used for exposure rate measurements and for analysis of the wipes.
5. Background readings.
6. The date that the survey instrument was last calibrated.

If you have any questions or require clarification on any of the information stated above, you may contact us at (312) 790-5625.

We will continue our review of your application upon receipt of this information. Please reply in duplicate, within 30 days, and refer to Control Number 77962.

Sincerely,

Original Signed By
Patricia J. Whiston
Materials Licensing Section

RNI

Whiston/cm

02/13/85