

SAFETY INSPECTION

1. LICENSEE University of Alaska Fairbanks, Alaska 99701		2. REGIONAL OFFICE U. S. Nuclear Regulatory Commission Region V 1450 Maria Lane, Suite 210 Walnut Creek, CA 94596	
3. DOCKET NUMBER(S) 030-01179	4. LICENSE NUMBER(S) 50-02430-07	5. DATE OF INSPECTION June 20-21, 1985	

Licensee:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission's (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews, with personnel, and observations by the inspector. The findings as a result of this inspection are as follows:

- ☐ 1. Within the scope of this inspection, no violations were observed.
- ☐ 2. The inspector also verified the steps you have taken to correct the violations identified during the last inspection. We have no further questions on those actions at this time.
- ☒ 3. During this inspection certain of your activities, as checked below, were in violation of NRC requirements.
THIS IS A NOTICE OF VIOLATION which is required to be posted in accordance with 10 CFR 19.11.
- ☒ A. **Animal enclosure within Large Animal Research Farm** was not properly posted to indicate the presence of **// unsealed hydrogen-3 exceeding 10 millicuries**. 10 CFR 20.203(b), (c), (d), (e) or 34.42.
- ☒ B. Containers located in **Room 105, Elvey Bldg. enclosing sealed sources** were not properly labeled to indicate the presence of radioactive material. 10 CFR 20.203(f)(1), or (f)(2). **(110 mCi, Am-241; 5 mCi, Cs-137)**
- ☐ C. _____ of sealed sources were not performed at the proper frequencies. 10 CFR _____ License Condition Number _____.
- ☒ D. Records of **leak tests performed on 01/12/84 and 07/10/84 of 2 mCi, Co-60 sealed sources** were not properly maintained. 10 CFR _____ or License Condition Number **13.D.**
- ☒ E. Documents were not properly posted or otherwise made available. 10 CFR 19.11. **The document "Safety Rules for Handling Radioisotopes" was also not posted in several radioisotope laboratories**
- ☐ F. Reports or notifications of _____ were not made in accordance with 10 CFR _____ or License Condition Number _____.
- ☒ H. **Contrary to License Condition 19 (paragraphs 8-9, Item 14 - "Radiation Safety Program" of letter dated 01/04/80), leak tests of cobalt-60 and americium-241 sealed sources have been performed using only a radiation survey meter which does not provide adequate detection sensitivity to ensure that sealed source leakage does not exceed 0.005 microcuries as required by License Condition 13.B.**
- ☐ I. _____
- ☐ J. _____
- ☐ K. _____

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I hereby state that within 30 days the actions described by me to the Inspector will be taken to correct the violations identified in the items checked above. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201. No further response will be submitted unless required by the NRC.

<i>L.B. Weather</i> SIGNATURE - LICENSEE	7/15/85 DATE	<i>[Signature]</i> SIGNATURE - NRC INSPECTOR	7/15/85 DATE
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