

## THE UNIVERSITY OF AKRON

AKRON, OHIO 44325

Department of Physics  
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January 16, 1985

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Lu # 34-03279-03  
34-03279-02  
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United States  
Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137  
Attn. Mr. D. J. Sreniawski  
Chief, Nuclear Materials Safety  
Section 2

Dear Mr. Sreniawski:

This is in response to your letter of December 19, 1984, regarding Items 1 through 4 which list the activities which were found to be in noncompliance with NRC regulations. In the following we are stating for each item of noncompliance

- (1) what corrective action has been taken and what results have been achieved,
- (2) what corrective action will be taken to avoid further noncompliance,
- (3) the date when full compliance will be achieved.

Item 1

The 554 Microcurie Cobalt-60 source was last leak-tested on 10/5/84. No leakage or contamination was detected. This Co-60 source will be leak-tested again before 6 months will have elapsed, according to NRC regulations. A schedule will be posted in the RSO's office listing future leak-test dates for above source for the current and next calendar year. As of this date, we are in compliance with regard to Item 1.

Item 2

The GM survey meter, Victoreen, Model 491, Serial No. 1612, was calibrated on all ranges on 10/29/84 and will be calibrated again before 6 months will have been elapsed, according to NRC regulations. On the same date, another Victoreen GM survey meter, Model 1490, Serial No. 2981, was calibrated as above. These two instruments have been designated as the licensee's official survey meters.

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Item 2 (con.)

Users with other survey meters may use these only as go/no go detectors. Any user who in this manner detects readings above background indicating possible contamination must inform the RSO at once. As in Item 1 above, a schedule of future calibration dates will be posted in the RSO's office. Since these 2 units have been calibrated within the last 6 months, we are now in compliance.

Item 3

A notice will be sent to all current users reminding them that no licensed material may enter or be removed from The University of Akron by commercial shipper, private carrier, etc., without the RSO's permission. A similar notice will be sent to all Science and Engineering Department Heads, reminding them that before any staff member is permitted to purchase or use licensed byproduct materials or instruments containing such materials, he or she must become an officially designated user. Department Heads will also be informed as to regulations regarding obtaining or removing byproduct materials, as described to present users.

The RSO will insure that regulations 10 CFR 71.5(a), 49 CFR 173.422, and 49 CFR 173.421-1(a) will be complied with. We will be in compliance as of January 21, 1985, with regard to Item 3.

Item 4

The 683 Curies Cobalt-60 source was leak-tested on 10/5/84. No leakage or contamination was detected. This Co-60 source will be leak-tested again before 6 months will have elapsed according to NRC regulations. A schedule will be posted in the RSO's office listing future leak-test dates for above source for the current and next calendar year. As of this date, we are in compliance with regard to Item 4.

*C. Frank Griffin*

C. Frank Griffin  
Radiation Safety Officer