



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
US ARMY IONIZING RADIATION DOSIMETRY CENTER  
LEXINGTON-BLUE GRASS ARMY DEPOT  
LEXINGTON, KY 40511-5102

October 1, 1986

U.S. Army IRDC

U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W. Suite 2900  
Atlanta, Georgia 30323

Gentlemen:

Reference:

- a. Mail Control 51226
- b. Application for Amendment to U.S. NRC Byproduct Material License No. 16-05033-01 dated 4 August 1986
- c. Telephone conversation between Mr. Earl Wright, USNRC, and Mr. A. Edward Abney, this center, on 30 September 1986

Mr. Fred Susterick of Amersham Corporation informed me telephonically on 30 September 1986 that the Cf-252 Neutron Calibrator they will be providing this center is not Amersham Model NC-1 as stated in reference b. Instead, an Amersham Model CVN.CY6 40 microgram Cf-252 source incorporated in a J.L. Shepherd Model 149 series calibrator assembly will be provided. Request reference b be so notated.

In accordance with reference c, the following information is provided on the physical construction of rooms 5 and 6, Bldg. 139, where the neutron calibrator will be used: the ceilings of the rooms are 15 feet high, access to the roof over the rooms is controlled by key and is currently interlocked with the controls of the Atomic Energy of Canada Limited Co-60 irradiator located in room 5. Upon installation of the neutron calibrator, thorough radiation level surveys will be made of the roof areas with the neutron source in the "exposed" configuration. If the surveys indicate that a radiation area exists, the Cf-252 source will be interlocked with the access to the roof. Results of the surveys and actions taken will be provided to you not later than 30 days after installation of the Cf-252 source.

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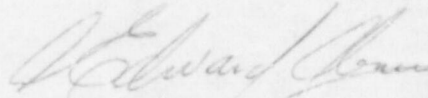
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Please contact me at Area Code 606-293-3249 if you require additional information.

Sincerely,

A handwritten signature in cursive script, appearing to read "A. Edward Abney".

A. Edward Abney  
Chief, US Army Ionizing  
Radiation Dosimetry Center

Copies furnished:

Mr. Delbert Loney, USATSG, Redstone Arsenal, AL  
Ms. Patricia Elker, US Army AMC, Alexandria, VA