



DEPARTMENT OF THE ARMY

U.S. ARMY LABORATORY COMMAND  
MATERIALS TECHNOLOGY LABORATORY  
WATERTOWN, MASSACHUSETTS 02172-0001

REPLY TO  
ATTENTION OF

AMCSF-P/90-0211  
SLCMT-DHS (385)

7 November 1990

MEMORANDUM THRU Headquarters, U.S. Army Laboratory Command, ATTN: AMSLC-SO (Mr. M. Borisky), 2800 Powder Mill Road, Adelphi, MD 20783-1145

Headquarters, U.S. Army Command, ATTN: AMCSF-P (Mr. P. Eiken), 5001 Eisenhower Avenue, Alexandria, VA 22333-0001

*Approved per phone conversation (P. Eiken), 7 Nov 90*

FOR U.S. Nuclear Regulatory Commission, Region I, ATTN: (Mr. C. Thor Oberg), 475 Allendale Road, King of Prussia, PA 19406

SUBJECT: Information Concerning Routine Inspection No. 90-001 of July 23, 24 and 25, 1990.

1. Reference your letter of 2 October 1990, concerning routine inspection number 90-001.

2. The following corrective actions have been taken in order to achieve full compliance with the regulations referenced in subject letter. Reference is made below to violations as they are listed in Appendix A to your letter referenced above.

A. The door knob has been removed from the exterior side of the emergency exit from the depleted uranium melting room and a sign indicating that the doorway is not an entrance has been posted (7 November 1990). Also, the Building 43 manager has been informed of the necessity to abide by 10 CFR 20.207(a).

B. (1) The scientist who was observed not wearing his TLD badge has been counselled and will be checked in the future to ensure compliance. His immediate supervisor is aware of this monitoring requirement and will also check his staff to ensure compliance with item 6(d) of MTL-M 385-4 (Radiation Protection - Program and policy).

B. (2) The researcher involved with the Californium Facility was issued a pocket dosimeter in order to achieve compliance with information included in the referenced letter of January 30, 1989. It is understood that information included in the application for renewal of Byproduct Material license number 20-01010-04 will not take effect until the new license is granted.

B. (3) A fully functional area monitor has been placed in the Californium-252 Facility. This monitor has been placed on our monthly survey check list for the area in order to ensure compliance with item 6(b) of the Californium-252 Facility Safety Manual.

B. (4) Previously submitted applications for radioactive material use have been updated and the RCC Chairman is presently assigning serial numbers and

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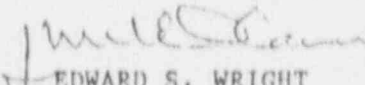
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assuring that all applications for byproduct material use are signed. These applications will be reviewed at a Radiation Control Committee meeting that is being scheduled for December 13, 1990.

B. (5) The material transfer form records that indicate inter-divisional transfers were misplaced but have been located. The researcher mentioned in your letter has been submitting monthly reports of his depleted uranium inventory. These will be compared to the transfer forms as well as a physical inventory of the depleted uranium that he has on hand in order to ensure that the inventory indicated is accurate. This will be completed by November 30, 1990. A monthly review of these forms has been added to the RPO monthly list of required tasks in order to detect any future non-compliance.

C. Radiation safety training was provided to the Security Division on November 6, 1990. The Chief of the Division has been informed that his staff is required to attend the annual training sessions provided by the RPO and that new personnel are required to receive introductory training.

D. A search for surveys of the Building 241 depleted uranium waste storage shed area has not produced any of the missing surveys. On 16 May 1989, Building 241 was designated a "Stable Storage Area for Radioactive Material, in accordance with AMC-R 385-25 (Ionizing Radiation Protection Program). Under the conditions of stable storage indicated in this regulation, the RCC exempted this area from the monthly survey requirement, but requires a quarterly survey. This storage area is listed on the RPO's calendar schedule to ensure compliance.

  
EDWARD S. WRIGHT  
Director



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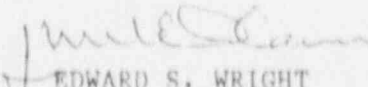
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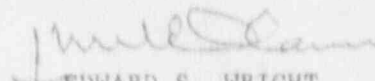
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