



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

June 16, 2010

Docket No. 030-04545
Control No. 144522

License No. 19-08330-02

COL Mark A. Melanson, Ph.D.
Director
Uniformed Services University of the Health Sciences
Armed Forces Radiobiology Research Institute
8901 Wisconsin Avenue
Bethesda, MD 20889-5603

SUBJECT: UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES,
REQUEST FOR ADDITIONAL INFORMATION CONCERNING FINANCIAL
ASSURANCE DOCUMENTS, CONTROL NO. 144522

Dear COL Melanson:

During the recent annual audit by NRC Region I staff of documents providing financial assurance for decommissioning, several minor items were noted regarding the financial assurance documents for Nuclear Regulatory Commission License No. 19-08330-02:

1. Your Decommissioning Funding Plan (DFP) cost estimate is dated October 2, 2006. In accordance with 10 CFR 30.35(e), the decommissioning cost estimate must be adjusted every three years. If the cost estimate is greater than currently provided, new financial assurance documents in the new amount are required to be submitted. No response to this item is required if the adjustment to your cost estimate does not increase the amount and therefore does not require new financial assurance documents.
2. Your current Certification of Financial Assurance (CFA) is dated May 7, 2008. This CFA lists
 - a. the Model AN/UDM-1A source that was removed from your license (Amendment No. 63, issued September 1, 2009);
 - b. the limit of "1 curie per radionuclide and 30 curies total" for any byproduct material with atomic numbers 84 through 103, that was reduced to "10 millicuries per radionuclide and 10 millicuries total" (Amendment No. 64, issued June 11, 2010); and
 - c. sealed sources containing byproduct material and special nuclear materials (Items 6.O, P, Q and R of Amendment No. 64)

In accordance with our guidance in NUREG 1757, "Consolidated NMSS

Decommissioning Guidance”, Volume 3, “Financial Assurance, Recordkeeping, and Timeliness”, you should provide a new CFA that lists the materials for which financial assurance is provided, as listed on the most recent amendment of your license. Please note that there is a separate requirement for providing financial assurance for sealed sources containing byproduct material, and the sources you possess do not require financial assurance. At this time, you are required to provide financial assurance for your unsealed byproduct materials, and your unsealed special nuclear materials.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material; Regulations, Guidance, and Communications**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 6:30 p.m. EST, Monday through Friday (except Federal holidays).

We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 144522. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5040.

Sincerely,

Original signed by Elizabeth Ullrich

Betsy Ullrich
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

cc:
Anna M. J. Teachout, Radiation Safety Officer

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