



Defense Threat Reduction Agency

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License # 45-25551-01

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U.S. Nuclear Regulatory Commission
Attention: Dennis R. Lawyer
Division of Nuclear Materials Safety, Region I
475 Allendale Road
King of Prussia, PA 19406

Subject: License Amendment Request 15 (License No. 45-25551-01), Docket No. 030-35668, Control
No. ~~44342~~ *573138 RW*

This letter requests amending the subject license to:

1. Revise current license Items 6-9, (DTRA Item 5) as follows: Add new radioactive sources as specified in the Sealed Sources and Devices Registry and modify current source 6.C. as specified. (See Attachment A).
2. Revise current Condition 10.J to read: "Licensed material may be used or stored at temporary job sites of the licensee anywhere the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material." This statement was previously Condition 10B of Amendment No. 11, Docket No. 030-35668, Control No. 141272. DTRA has no record of an amendment request to restrict this condition to the United States. DTRA continues to perform a global mission.
3. Revise Condition 11 to read: "The Radiation Safety Officer for this license is Constance Sims Rosser, and in her absence, Michael W. Hinton."
4. Revise the radiation safety program audit program policy (DTRA Application Item 10.1) to update our current license commitments. (See Attachment B).

If there are any questions or additional information needed, please contact Ms. Constance S. Rosser at (703) 767-0295.

Sincerely,

Sherry J. Davis
Sherry J. Davis,
Chief, Environment, Safety and
Occupational Health Division
(703) 767-7122

Enclosures:
As stated

573138
NMSS/RGN1 MATERIALS-002

Attachment A:**Proposed revision to license items 6-8:**

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	Comments on change
A.. Barium 133	Sealed sources (Isotope Products Laboratories Model 193 / A3011-2 Series Source	Not to exceed 8 millicuries per source and 40 millicuries total	New line item SSDR CA0406S126S
B. Cesium 137	Sealed sources (New England Nuclear, Model NER-570 (NER-401H or NER-400H Assembly)	Not to exceed 30 millicuries per source and 60 millicuries total	New Line item Source scheduled to be transferred from USAF (Kirtland AFB Broadscope Permit NM-03110-02 SSDR NR-476-D-819-S
C. Cobalt 60	Sealed sources (Isotope Products Laboratories Model HEG-60-1 in A3026 Capsule) or (Isotope Products Laboratories Model 193 / A3011-4 Series Source) or North American Scientific Model IND1154)	Not to exceed 1.1 millicurie per source and 50 millicuries total	Change line item C of current Amendment as indicated in bold. SSDR CA0406S126S
D. Cesium 137	Sealed sources (Isotope Products Laboratories Model 193 / A3011-4 Series Source)	Not to exceed 1.1 millicurie per source and 2 millicuries total	New line item SSDR CA0406S126S

Proposed revision to license item 9:

9. Authorized Use:

A through D. Research & development, calibration, and instrument checks.

Attachment B

Proposed Revised DTRA APPLICATION ITEM 10.1, RADIATION SAFETY PROGRAM, AUDIT PROGRAM:

In order to ensure that adequate oversight of the Radiation Safety Program is provided, an independent outside party will conduct a biannual audit of the DTRA Headquarters. The purpose of the audit is to provide an unbiased review of the Radiation Safety Program and practices with respect to the requirements of the applicable regulations, license requirements and accepted safe practices. The audit will also serve to ensure that DTRA's senior management is aware of the NRC regulations, the provisions of the license and the compliance status of DTRA's licensed program. Results of the audit will be reported to DTRA's Chief Environment, Safety and Occupational Health Office and DTRA's Radiation Safety Officer.

An internal audit will be conducted periodically by the DTRA Radiation Safety Officer or designee, to determine user compliance with NRC regulations, the terms and conditions of the NRC license and good health physics practices. Results of the audit will be reported to DTRA's Chief, Environment, Safety and Occupational Health Office.

This is to acknowledge the receipt of your letter/application dated 7/15/2010 ^{received} and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (45-25551-01) There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 573138.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.