

Pre-Licensing Screening

Applicant Information:

Control No. 471396

Name: Dept of Army (Madigan)	Type of Request: Notify Program Code(s):	
Location: WA	License No.: 46-02645-03	Docket No.: 030-03368

STEP 1—Radioactive Materials and Quantities Requested:

Instructions for Step 1: Complete Step 1 for all applications. If all your responses in Step 1 are "No" then do not complete Step 2 (Screening Criteria). Sign and date the completed step-sheet and add it as the sensitive and non-publicly available OAR in ADAMS. If a "yes" response is indicated for any item in Step 1, also complete Step 2. If the type of use is subject to a Security Order or the requirements for increased controls, complete Step 3 (Item A or Item B) without delay.	Yes or No
A. The request is from a new applicant.	N
B. NUREG-1556, Volume 20, Section 4.9 indicates a licensing site visit is needed for the requested type of use, e.g., (1) Type A broad scope license, (2) panoramic irradiator containing > 10000 curies, (3) manufacturers or distributors using unsealed radioactive material or significant quantities of sealed material, (4) radioactive waste brokers, (5) radioactive waste incinerators, (6) commercial nuclear laundries, and (7) any other application that in the judgement of the reviewer and cognizant supervisor involves complex technical issues, complex safety questions, or unprecedented issues that warrant a site visit.	N
C. The applicant requested certain radionuclides and quantities that equal or exceed the Risk Significant Quantity (TBq) values in the table, below, that have been "highlighted" by the reviewer	N

Table of Risk Significant Quantities

(Category 2 Quantities, IAEA Safety Guide No. RS-G-1.9, Categorization of Radioactive Sources, August 2005)

Radionuclide	Risk Significant Quantity (TBq ¹)	Risk Significant Quantity (Ci ¹)	Radionuclide	Risk Significant Quantity (TBq ¹)	Risk Significant Quantity (Ci ¹)
Am-241	0.6	16	Pm-147	400	11,000
Am-241/Be	0.6	16	Pu-238	0.6	16
Cf-252	0.2	5.4	Pu-239/Be	0.6	16
Cm-244	0.5	14	Ra-226 ²	0.4	11
Co-60	0.3	8.1	Se-75	2	54
Cs-137	1	27	Sr-90 (Y-90)	10	270
Gd-153	10	270	Tm-170	200	5,400
Ir-192	0.8	22	Yb-169	3	81

¹ The primary values are TBq. The curie (Ci) values are for informational purposes only.
² The Atomic Energy Act, as amended by the Energy Policy Act of 2005, authorizes NRC to regulate Ra-226 and NRC is in the process of amending its regulations for discrete sources of Ra-226.

Calculations of the Total Activity or the Unity Rule are attached to document whether or not the screening criteria in Step 2 were also completed to evaluate the application. NOTE—If an amendment of an existing license is being requested, the calculations will include the previously authorized quantities for the radionuclide(s).	Yes, No, or Not Applicable (NA)
Total Activity—multiple activities are requested for a single radionuclide and the sum of the activities equals or exceeds the quantity of concern for the radionuclide	
Unity Rule—multiple radionuclides are requested and the sum of the ratios equals or exceeds unity, e.g., [(total activity for radionuclide A) + (risk significant quantity for radionuclide A)] + [(total activity for radionuclide B) + (risk significant quantity for radionuclide B)] ≥ 1.0.	

Signature and Date for Step 1:

Josephine W. Cook 4/8/07
 License Reviewer and Date



**DEPARTMENT OF THE ARMY
WESTERN REGIONAL MEDICAL COMMAND
AND MADIGAN ARMY MEDICAL CENTER
TACOMA, WASHINGTON 98431-1100**

May 21, 2007

RECEIVED

JUN 07 2007

Health Physics Service

U.S. Nuclear Regulatory Commission, Region IV
Nuclear Materials Licensing Section
611 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011-8064

DNMS

Dear Sir or Madam:

Request that NRC License 46-02645-03 be amended with the following change: Remove William Reece from the license as an Authorized User, because he is no longer working at this facility. This was voted on and approved by the facility's Radiation Control Committee.

Point of contact for this action is Captain Stewart, Radiation Safety Officer, commercial phone (253) 968-4300.

Sincerely,

**Marc G. Cote
COL MC
Acting DCCS**

**George B. McClure
Colonel, U.S. Army
Acting Deputy Commander for Clinical Services
Acting Chairman, Radiation Control Committee**

6-08-07
DATE

This is to acknowledge the receipt of your letter/application dated 5-21-07, and to inform you that the initial processing, which includes an administrative review, has been performed.

There were no administrative omissions. Your application will be 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:

The action you requested is normally processed within — days.

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** 471396.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,



Licensing Assistant

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 02120
Status Code: 0
Fee Category: 7C EX 2B
Exp. Date: 20101031
Fee Comments: NOT BROAD PER REGION V
Decom Fin Assur Reqd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: ARMY, DEPARTMENT OF THE
Received Date: 20070607
Docket No.: 3003368
Control No.: 471396
License No.: 46-02645-03
Action Type: Notifications

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed *William J. Anderson*
Date *6-08-07*

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /___/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____

COMMANDER
MADIGAN ARMY MEDCEN
MCHJ-PVR
TACOMA WA 98433

46-02645-03
030-03368

U.S. Nuclear Regulatory Commission,
Region IV
Nuclear Materials Licensing Section
611 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011-8064

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