



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352
AUG 21 2012

Mary Stiker
Radiation Safety Officer
Indiana Department of Homeland Security
Indiana State Department of Health
Field Services Division/Indiana Gov't Ctr South
302 W. Washington Street – Room E-208
Indianapolis, IN 46204

Dear Ms. Stiker:

Enclosed is Amendment No. 4 amending your NRC Material License No. 13-06028-02 in accordance with your request. Please note that the changes made to your license are printed in **bold font**.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please note, based upon the close-out survey results in the application dated May 20, 2012, and the letter dated August 10, 2012, we have authorized you to release your facility located at 2525 N. Shadeland Avenue, E-3, Indianapolis, Indiana, for unrestricted use.

Also note, as we discussed by telephone on August 16 2012, we have not added John M. Copeland as an authorized user at this time because he needs additional training and experience with the kinds and quantities of materials that are authorized on your license. Also, as we discussed based upon your radionuclide inventory dated May 3, 2012, it appears that you may need to add materials to your license. Please see the enclosed request for additional information.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>.

The enclosed document contains sensitive security-related information.
When separated from this cover letter this letter is uncontrolled.

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M. Stiker

We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

NRC's Regulatory Issue Summary (RIS) 2005-31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through NRC's Agencywide Documents Access and Management System (ADAMS), the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390, the enclosed license document is exempt from public disclosure because its disclosure to unauthorized individuals could present a security vulnerability. The RIS may be located on the NRC Web site at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/ri200531.pdf> and the link for frequently asked questions regarding protection of security related sensitive information may be located at: <http://www.nrc.gov/reading-rm/sensitive-info/faq.html>. In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in ADAMS, accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,



William P. Reichhold
Materials Licensing Branch

License No. 13-06028-02
Docket No. 030-37731

Enclosure: Amendment No. 4
Request for Additional Information

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When separated from this cover letter this letter is uncontrolled.

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REQUEST FOR ADDITIONAL INFORMATION

Telephone (630) 829-9839

FAX (630) 515-1078

To: Mary Striker, Radiation Safety Officer

Location: Indiana Department of Homeland Security / Indiana State Department of Health

Date: 8/20/2012

As we discussed by telephone on August 16, 2012, we did not add John M. Copeland as an authorized user at this time because he needs additional training and experience with the different kinds and quantities of materials that are authorized on your license.

Authorized User

Please resubmit Mr. Copeland's training and experience using the different kinds and quantities of materials authorized on your license. For example, it appears that Mr. Copeland has only had hands on experience with sealed sources, however, your license authorizes any byproduct materials with atomic numbers 1-83 (other than sealed sources), and a number of radionuclides with atomic number over 83 in any physical form.

Please include:

- the radionuclide(s)
- the form (solid, liquid, gases) of the radioactive materials
- the quantity (curie, millicurie, microcurie) of radioactive materials
- what the radionuclide(s) was used for (instrument calibration, research, medical use, etc.)
- how many years experience handling radionuclides

Adding radionuclides to your license

Also, as we discussed by telephone it appears from your May 3, 2012, inventory that you may need to add radionuclides to your NRC license. For example, cesium-137 rod source with a estimated activity of 5.4 millicuries.

Also, please check the other radionuclides on your inventory to make sure they are authorized by a general license, or are exempt quantities. If not, you will need to add them to your NRC license.

Finally, it appears that the curium-244 plated source with a nominal activity of 100 millicuries (Item 6.J.) and the americium-241 plated source with a nominal activity of 30 millicuries (Item 6.K.) are sources in a X-ray Fluorescence Probe manufactured by Oxford Instruments America, Inc., however, this device is not currently listed on your license. Please review this information and add the X-ray Fluorescence Probe to your license if applicable.

Please call me at (630) 829-9839 if you have any questions.

From the desk of:


Bill Reichhold