



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III

2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

APR 04 2017

Samuel Rhoades, Ph.D.  
Radiation Safety Officer  
Mercy Hospital Joplin  
100 Mercy Way  
Joplin, MO 64804

Dear Dr. Rhoades:

Enclosed is Amendment No. 60 to your NRC Material License No. 24-01090-03 in accordance with your request.

At this time we have prepared your license using our new Web Based Licensing system (WBL). In conjunction with this, we have deleted Condition No. 13, as it appeared on Amendment No. 59, in favor of referencing 10 CFR Part 71 in the Preamble at the top of page 1 of your license.

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.

If you have any questions concerning this amendment please contact me at either (630) 829-9841 or (800) 522-3025, ext. 9841. My fax number is 630-515-1078.

We were unable to approve Thomas Kevin Ceballos, M.D. as an authorized user for the diagnostic use of sodium iodide I-131. Please see the following two references from our Medical Licensing Toolkit webpages:

<https://www.nrc.gov/materials/miau/med-use-toolkit/faqs-part35.html#164>

**"Iodine-131 Authorizations for Experienced Authorized Users**

**If an authorized user (AU) is presently authorized for use of §35.100 materials, I-131, and §35.200 materials, will that individual have to apply for a license amendment to update to the 2002 requirements for use of I-131? [10 CFR 35.392 ,35.394] (Q&A ID 0303010)**

No. An AU who was authorized on a license to use I-131 prior to the effective date for the revised rule, October 24, 2002, may continue to perform those medical uses for which he or she was authorized. During the next revision of the license (amendment or renewal), the regional license reviewer will determine whether the authorization for the use of I-131 issued prior to October 24, 2002 required a written directive and if so, whether the AU administered less than or greater than 33 millicuries at a time. The license will be updated accordingly, to reflect the revised requirements.

Refer to "Supplementary Information," Section III, "Summary of Public Comments and Responses to Comments" for Part II E, "Training and Experience," as published in the *Federal Register* on April 24, 2002"

And,

"For users with no 35.300 authorization, who were permitted to use I-131 under 35.200 prior to October 24, 2002: "Oral administration of sodium iodide iodine-131 for diagnostic studies"  
(Not applicable to any new users; can't authorize a new user or license solely for I-131 diagnostic uses)"

From: <https://www.nrc.gov/materials/miau/35.300-authorizations.pdf>

Since your letter dated August 22, 2016, did not include sufficient information to identify and support Dr. Ceballos as having been authorized for the diagnostic use of sodium iodide I-131 prior to October 24, 2002, we cannot approve him for this modality now. We do not know if he would qualify under 10 CFR 35.392, as the only information we have for his training and experience is the referenced Florida license.

If you wish to pursue this matter, please contact me at 630-829-9841 to discuss it first.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

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.

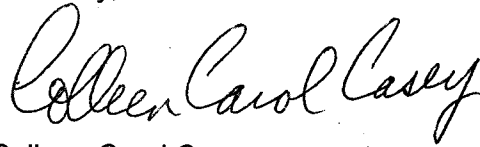
You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>.

S. Rhoades

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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.

Sincerely,

A handwritten signature in cursive script that reads "Colleen Carol Casey". The signature is written in black ink and is positioned above the printed name.

Colleen Carol Casey  
Materials Licensing Branch

License No. 24-01090-03

Docket No. 030-12728

Enclosure:

Amendment No. 60