



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

MAY 21 2015

Jack Bridges, M.D.
Radiation Safety Officer
Mosaic Life Care
ATTN: Nuclear Medicine
5325 Faraon St.
St. Joseph, MO 64506

Dear Dr. Bridges:

Enclosed is Amendment No. 49 renewing your NRC Material License No. 24-18287-01 in accordance with your request.

Your license has been renewed for a ten year term and will not expire until May 31, 2025.

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 that significant changes to your license may appear in **bold** font, such as format changes or changes resulting from requests you made and updates that we have implemented at this time.

This also refers to your letters dated November 25, 2014, and May 18, 2015, requesting approval for two new proposed Authorized Users (AUs), Brett R. Nielson, D.O. and Brandon James Massin, M.D., who both wish to be authorized for the use of materials in 10 CFR 35.100, 35.200 and 35.300, limited to sodium iodide I-131 in quantities less than or equal to 33 millicuries.

We were unable to approve Drs. Nielson and Massin as AUs at this time because the information submitted in your letters dated November 25, 2014, and May 18, 2015, was insufficient to complete our review.

We described the issues preventing us from approving these physicians as AUs in our record to you dated May 13, 2015. I discussed these issues also in a telephone call between me and Julie Hanna, your Lead Nuclear Medicine Technologist, on May 14, 2015.

Both physicians presented acceptable specialty certification board certificates.

However, neither physician included required written preceptor attestations, pursuant to 10 CFR 35.290 (c)(2): "... (2) Has obtained written attestation, signed by a preceptor authorized user who meets the requirements in §§ 35.57, 35.290, or 35.390 and 35.290(c)(1)(ii)(G), or equivalent Agreement State requirements, that the individual has satisfactorily completed the requirements in paragraph (a)(1) or (c)(1) of this section and has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under 10 CFR 35.100 and 35.200."

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

J. Bridges

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10 CFR 35.392(c)(3) contains essentially the same requirement for a written attestation for the I-131 authorization being sought.

Your response letter dated May 18, 2015, contained a very brief statement referred to as an "Attestation of proficiency," that was signed by you but was unacceptable as a required attestation for each physician, and for each of the three modalities they sought authorization for (10 CFR 35.100, 35.200 and 35.300, limited to sodium iodide I-131 in quantities less than or equal to 33 millicuries).

If you wish to pursue these requests, please provide a complete, written response letter that is currently dated and signed by a senior management official for this license. The preceptor attestations should be signed and dated appropriately and attached to your response letter. You may respond in whole or in part for each physician and for the modalities they are requesting authorization for.

Your written response should be addressed to my attention at the above address, as "additional information to control number 585378." We will then continue our review.

The signatory for the response letter is particularly important because we noted that your licensing correspondence appears to be signed by you, Jack Bridges, M.D., the Radiation Safety Officer, or by Ms. Hanna.

The RSO may co-sign licensing correspondence but should not be the sole signatory. In addition, we noted that Ms. Hanna only signed the fax transmittal pages for your response letter dated May 18, 2015, and not the letters themselves.

Pursuant to 10 CFR 35.12(a), management must sign all licensing requests.

Please refer to Appendix B and Forms 313a AUD and AUT; Appendix D, section III (paragraphs 1 and 2 in particular), section V, Part 1, Item 1 and Part II, Sections IX. and X in NUREG 1556, Vol. 9, Rev. 2, for assistance in preparing your written responses.

Please do not resubmit information you have already submitted to us.

Please only submit the information that we have requested.

Please do not submit resumes, CV's, or personal, proprietary information that we must protect, in accordance with 10 CFR 2.390, such as social security numbers, dates of birth, home addresses or phone numbers, patient records, college transcripts, etc.

Please also note that the diagrams attached to your renewal letter dated November 25, 2014, and your response letter dated May 18, 2015, although copies of blueprints, appeared to be minimally acceptable with the enhancements and descriptions included so we are not requesting additional diagrams at this time.

However, for future submissions of licensing correspondence, please refrain from submitting copies of blueprint diagrams for facilities. They typically show much information that we do not need and very little information that we do need.

J. Bridges

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If you have any questions or concerns about your renewed license or the issues in this letter, please contact me directly at (630) 829-9841. My fax number is (630) 515-1058. My email address is colleen.casey@nrc.gov

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 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>.

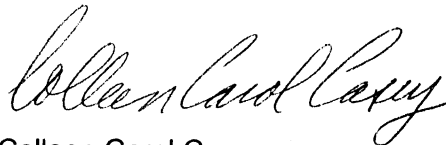
A copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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>.

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,



Colleen Carol Casey
Materials Licensing Branch

License No. 24-18287-01
Docket No. 030-14791

Enclosure:

Amendment No. 49