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

DEC 02 2008

Bruce E. Hasselquist, Ph.D  
Radiation Safety Officer  
Spectrum Health Hospitals  
100 Michigan N.E.  
Grand Rapids, MI 49503

Dear Dr. Hasselquist:

Enclosed is Amendment No. 69 to your NRC Material License No. 21-00243-06 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.

As I noted that a previous amendment removed authorization for materials that previously could have been subject to the Increased Controls and Fingerprinting Orders, Condition No. 17, as it appeared on Amendment No. 67, has been deleted.

In addition, the authorization for several research radionuclides has been, in accordance with your request made in the letter dated September 2, 2008. In addition, I deleted Dr. Monroe's authorization and Condition Nos. 13 and 14 at this time because the research materials warranting these conditions have been deleted. Other adjustments related to these changes were also made.

Please note that I was unable to approve Jeffrey Flermoen, M.D. as an authorized user (AU) for the use of materials in 10 CFR 35.300, limited to the oral administration of iodine-131 sodium iodide in quantities less than or equal to 33 millicuries, at this time because the information in your letter dated October 31, 2008, above was insufficient to complete my review.

If you wish to pursue this request, please submit the information requested below and address it to my attention as "additional information to control number 317464." We will then continue our review.

Dr. Flermoen was not approved as an AU for the use of materials in 10 CFR 35.300, limited to the oral administration of iodine-131 sodium iodide in quantities less than or equal to 33 millicuries, because we were unable to verify his preceptor's qualifications because the preceptor references an Agreement State license (that we do not have access to) that appears to be a broad scope license, i.e., it does not name AU's on its license document directly; rather, its Radiation Safety Committee evaluates and approves/disapproves of AU's internally.

Please also submit a copy of the Agreement State License for the University of Iowa and, if appropriate, please also submit a letter currently signed and dated by the Chair of the RSC stating which modalities Dr. Michael Graham was authorized for under the license and which timeframes he held said authorization.

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

**B. Hasselquist**

Please do not submit copies of minutes from the licensee's RSC meetings or other documents from the Agreement State licensee, esp. patient records, or extraneous documentation that we must protect, per 10 CFR 2.390.

Please refer to the above regulatory requirements as well as section 8.11, item 7 and Appendices B, D and E in NUREG 1556, Vol. 9, Rev. 2, for assistance in preparing your response.

If Forms 313a will be used in support of your response, please use the newly revised Forms found on our website at:

[http://www.nrc.gov/reading-rm/doc-collections/forms/nrc313a\(aud\).pdf](http://www.nrc.gov/reading-rm/doc-collections/forms/nrc313a(aud).pdf)

In addition, if, you may find the guidance in RIS 2003-17 helpful, found at this link on our website:

<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2003/ri200317.pdf>

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.

In a letter dated September 2, 2008, you contacted the U.S. Nuclear Regulatory Commission and indicated that you wished to amend your byproduct materials license no. 21-00243-06 to remove the Monroe Ave. facility from your license because it is no longer being used for radioactive materials.

The NRC staff has reviewed your final status surveys. Based on its review, the staff has concluded that all licensable radioactive material has been removed from the facilities described in the correspondence above and residual radioactive material attributable to licensed activities does not exceed current NRC criteria.

Based on these conclusions no further remediation or actions with respect to NRC regulated material is required. The referenced facility above is suitable for unrestricted use.

If you have any questions concerning this amendment please contact me at either (630) 829-9841 or (800) 522-3025.

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.

**B. Hasselquist**

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).

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.

Sincerely,



Colleen Carol Casey  
Materials Licensing Branch

License No. 21-00243-06  
Docket No. 030-01989

Enclosure:

Amendment No. 69