

**SPECTRUM HEALTH**

# Fax

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**Spectrum Health Butterworth Hospital  
Department of Radiology, MC 046  
100 Michigan NE  
Grand Rapids, MI 49503**

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Date: 2/2/2009 Time: 11:20 No. of pages (including cover): 3

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To: USNRC Fax: 630.515.1078 Phone: 630.829.9887

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From: B. Hasselquist Fax: 616.391.2665 Phone: 616.391.2498

Please call if you have any problems with this transmission.  
If you have received this fax in error, please notify us immediately.

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Message:

*Attn: Bill Reichhold*

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## Spectrum Health

*Butterworth Campus*

100 MICHIGAN STREET NE GRAND RAPIDS MI 49503-2560

616 391 1774 FAX 391 2745 [www.spectrum-health.org](http://www.spectrum-health.org)

February 2, 2009

Mr. William P. Reichhold  
United States Nuclear Regulatory Commission  
Region III, Materials Licensing Section  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

License Number: 21-00243-06 (Spectrum Health Hospitals)

**Additional information to control number 317464**

Dear Mr. Reichhold:

In response to your letter dated January 15, 2009, I have enclosed the additional information requested for authorization of Jeffrey Flermoen, MD as an Authorized User (AU) for:

35.300 Oral administration of sodium iodide I-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (33 millicuries)

I have attached a letter signed by the chairman of the University of Iowa RSC describing Dr. Michael M. Graham's authorization under Iowa license 0037-1-52-AAB **and the timeframe for that authorization**. If you need any further information to process this request, please contact me at 616-391-2498 or via email at [bruce.hasselquist@spectrum-health.org](mailto:bruce.hasselquist@spectrum-health.org).

Thank you for your assistance.

Sincerely,

Bruce E. Hasselquist, Ph.D., RSO  
Chief Medical Physicist, Radiology

**Environmental Health & Safety**

100 EHS  
Iowa City, IA 52242 – 1000  
Ph. 319-335-8501  
Fax 319-335-7564

December 11, 2008

Bruce Hasselquist, Ph.D., RSO  
Chief Medical Physicist  
Radiology, Mail Code 046  
Spectrum Health  
100 Michigan Street N.E.  
Grand Rapids, MI 49503

Dear Dr. Hasselquist:

This letter is to verify that Dr. Michael M. Graham, M.D., is currently approved (1/22/1999 – present) as an Authorized User by the University of Iowa's Radiation Safety Committee under the provisions of the University of Iowa's broadscope radioactive materials license number 0037-1-52-AAB (expiration date April 30, 2013).

Dr. Graham's use authorization privileges include:

Use of unsealed radioactive material for uptake, dilution, or excretion studies for which a written directive is not required (As specified under IAC 641-41.2(31) and NRC regulatory equivalent 10CFR 35.100).

Use of radiopharmaceuticals, generators, and reagent kits for imaging and localization (As specified under IAC 641-41.2(33) and NRC regulatory equivalent 10CFR 35.200).

Use of radiopharmaceuticals for therapeutic use or unsealed by-product material for which a written directive is required (As specified under IAC 641-41.2(37) and NRC regulatory equivalent: 10CFR 35.300).

Use of sealed sources for diagnosis (As specified under IAC 641-41.2(41) and NRC regulatory equivalent 10CFR 35.500).

Other medical uses of byproduct material or radiation from byproduct material (As specified under IAC 641-41.2(88) and NRC regulatory equivalent: 10CFR 35.1000).

Sincerely,



Thomas J. Grabowski, Jr., M.D.  
Chair, Medical Radiation Protection Committee & Hospital Radiation Safety Review Group