



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION IV  
1600 E. LAMAR BLVD.  
ARLINGTON, TX 76011-4511

August 10, 2015

Alan L. Mitchell, M.D., Radiation Safety Officer  
Campbell County Memorial Hospital  
501 South Burma Avenue  
Gillette, Wyoming 82716

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION

The Nuclear Regulatory Commission (NRC) has completed the technical review of the renewal application dated March 17, 2015, response e-mail dated July 27, 2015, and letter dated August 5, 2015 for NRC license number 49-18030-01, and additional information is needed. Please provide your response in a signed and dated letter, in hospital letterhead, within 20 days from receipt of this letter, and make reference to mail control number 586331.

1. Confirm that the authorization for Gadolinium 153 being requested for the renewed license will be used in a line source holder and in an attenuation correction device in accordance with the enclosed certificate IL-605-D-105-S. State the manufacturer's name and model number for the sealed sources, the total number of sealed sources, and the maximum possession limit that will need to be listed in the license. Indicate if the gamma camera is a two head system.
2. The training and experience documentation submitted for Paul W. Rigsby, D.O. is sufficient to list Dr. Rigsby as an authorized user for the following uses:
  - A. 10 CFR 35.200, and
  - B. Oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries.

Confirm that items 2.A. and 2.B. are the authorizations that the licensee is requesting for Dr. Rigsby. If Dr. Rigsby wants to administer I-131 in amounts greater than 30 millicuries then the licensee will have to complete NRC Form 313A(AUT) and follow pathway number 3 "Training and experience for proposed authorized user."

3. Provide a description of the instrumentation (e.g., gamma counter, solid state detector, portable or stationary count rate meter, portable or stationary dose rate or exposure rate meter, single or multichannel analyzer, proportional counter) that will be used to perform regulatory required surveys.
4. Provide a description of the equipment used to measure the dosages.

5. Provide the following commitment: "Either we will perform a prospective evaluation demonstrating that unmonitored individuals are not likely to receive, in 1 year, a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or we will provide dosimetry that meets the requirements listed under 'Criteria' in NUREG-1556, Vol. 9, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance About Medical Use Licenses.'"
6. Provide the following commitment: "We have developed and will implement and maintain written procedures for area surveys in accordance with 10 CFR 20.1101 that meet the requirements of 10 CFR 20.1501 and 10 CFR 35.70."
7. Provide the following commitment: "We have developed and will implement and maintain written procedures for safe use of unsealed byproduct material that meet the requirements of 10 CFR 20.1101 and 10 CFR 20.1301."
8. Provide the following commitment: "We have developed and will implement and maintain written procedures for safe response to spills of licensed material in accordance with 10 CFR 20.1101."
9. Provide the following commitment: "We have developed and will implement and maintain written waste disposal procedures for licensed material in accordance with 10 CFR 20.1101, that also meet the requirements of the applicable section of 10 CFR Part 20, Subpart K, and of 10 CFR 35.92."

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 the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Thank you for your cooperation.

Sincerely,

**/RA/**

Roberto J. Torres, M.S., Senior Health Physicist  
Nuclear Materials Safety Branch B

Docket: 030-14365  
License: 49-18030-01  
Control: 586331

Enclosure: Certificate IL-605-D-105-S  
NRC Form 313A(AUT)