



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

April 21, 2005

Docket No. 03014938
Control No. 136544

License No. 47-14258-01

Vincent Gargaro, MS, MBA, Medical Physicist
Wheeling Jesuit University
Nuclear Medicine
316 Washington Avenue
Wheeling, WV 26003

SUBJECT: WHEELING JESUIT UNIVERSITY, REQUEST FOR ADDITIONAL
INFORMATION CONCERNING APPLICATION FOR RENEWAL OF LICENSE,
CONTROL NO. 136544

Dear Mr. Gargaro:

This is in reference to your application dated February 15, 2005 requesting to renew Nuclear Regulatory Commission License No. 47-14258-01. In order to continue our review, we need the following additional information:

1. On a detailed version of your facility diagram, please indicate the position of each of the areas described below (a-d) and describe the type, dimensions, and thickness of shielding that you will use.
 - a. Use and storage of Tc-99m generators.
 - b. Storage of radiopharmaceuticals (refrigerated and nonrefrigerated).
 - c. Storage of radioactive waste, including decay-in-storage prior to disposal as nonradioactive waste. This area should be large enough to handle an accumulation of Tc-99m generators as well as other solid waste. If this area is not located within your main department, describe how you will secure the material.
 - d. Preparation and dispensing of radiopharmaceuticals (e.g., lead glass L-block, etc.).

In addition, identify adjacent areas across the walls from use and storage locations and show that adequate steps have been taken to assure that radiation levels in unrestricted areas will not result in doses to individual members of the public in excess of those specified in 10 CFR 20.1301.

2. Please provide a description of the radiation monitoring instruments (e.g. gamma counter, solid state detector, portable or stationary count rate meter, portable or stationary dose rate or exposure rate meter, single or multi-channel analyzer, liquid

scintillation counter, proportional counter, etc.) that will be used to perform radiation level detection, measurement, and contamination surveys.

3. Your application did not address procedures for survey meter calibration. Please confirm which of the following applies:
 - a. Radiation monitoring instruments will be calibrated by a person qualified to perform survey meter calibrations; AND/OR
 - b. You will develop, implement, and maintain written survey meter calibration procedures in accordance with the requirements in 10 CFR 20.1501 and that meet the requirements of 10 CFR 35.61. If you will be performing your own calibrations, please identify the source that you will use by source manufacturer and model number, nuclide, activity, and calibration accuracy.
4. Describe your licensed material inventory, control and accountability program. Your inventory and control system should have the capability to assure that licensed material possession limits are not exceeded and that material is accountable throughout the institution at any given time.
5. 10 CFR 20.1801 requires that licensed material be secured against unauthorized removal from the place of storage. 10 CFR 20.1802 requires that the licensee control and maintain constant surveillance over materials in unrestricted areas that are not in storage. In your application, you did not indicate how you will secure licensed material. Describe how you will preclude the unauthorized removal of licensed material from the place of storage and in unrestricted areas.

Current NRC regulations and guidance are available at the NRC Web sites listed below or by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 136544. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5303.

In order to continue prompt review of your application, we request that you submit your response to this letter within 30 calendar days from the date of this letter.

Sincerely,

Original signed by Thomas K. Thompson

Thomas K. Thompson
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

V. Gargaro
Wheeling Jesuit University

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Enclosure:

NRC Web site addresses

NRC regulations

<http://www.nrc.gov/reading-rm/doc-collections/cfr/>

Licensing guidance

<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>

General Policy and Procedure for NRC Enforcement Actions

<Http://www.nrc.gov/what-we-do/regulatory/enforcement/enforc-pol.pdf>

206 of the Energy Reorganization Act of 1974

<http://www.nrc.gov/who-we-are/governing-laws.html>

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