

From: Lester Tripp  
USNRC Region 1

To: Maria M. Palacios, M.S.  
Radiation Safety Officer  
Nuclear Medicine, Inc.

Re: Request for Additional Information in Support of NRC License Renewal

Licensee: Nuclear Medicine, Inc.  
License No.: 52-30841-01  
Docket No.: 03036419  
Control No.: 582383

Date: February 24, 2014

Dear Ms. Palacios:

This correspondence is in reference to your application dated October 22, 2013, requesting renewal of your NRC License No. 52-30841-01. In order for us to continue our review of your application, we need the following information:

1. Please describe the areas located above and below areas of use and storage of radioactive material in your facility.
2. The request has been made that Maria M. Palacios, M.S., be named Radiation Safety Officer (RSO) on your license. It appears that this individual may be an outside consultant/contractor. If this is so, in support of this request, please address the following:
  - a. Describe the control over the radiation safety program that will be delegated so that the consultant-RSO will be able to exercise authority over authorized users when confronted with radiation safety problems that require implementation of corrective actions.
  - b. Describe the relationship that will exist between the consultant-RSO and your institutional management regarding expenditure of funds to facilitate the objectives of your radiation safety program and related regulatory requirements.
  - c. Identify other commitments of the consultant-RSO for other NRC or Agreement State licensed facilities, along with a description of how the consultant-RSO will allocate time to permit the performance of the duties of the RSO as described in the regulations. State the consultant-RSO's minimum amount of on-site time (hours per week).
  - d. Appoint an in-house representative who will serve as the point of contact during the RSO's absence. This person may be allowed to assist the consultant RSO with limited authority.
  - e. Describe the overall availability of the consultant-RSO to respond to questions or operational issues that arise during the conduct of your radiation safety program

and related regulatory requirements. Specify the maximum amount of time it will take the RSO to arrive at the facility in the event of an emergency that requires his presence.

Current NRC regulations and guidance are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select Nuclear Materials; Med, Ind, & Academic Uses; then Licensee Toolkits, see our toolkit index page. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 8:00 a.m. to 5:30 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. 582383. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5358. Please have the response to this correspondence signed by Humberto O. Quintana-Irazola, M.D., Medical Director.

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 correspondence.

Lester Tripp  
Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety