



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

April 5, 2006

Docket No. 03030943
Control No. 138561

License No. 29-28330-01

John Capitanelli, M.D.
Medical Director
North Jersey Nuclear Diagnostics, Inc.
999 McBride Avenue
West Paterson, NJ 07424

**SUBJECT: NORTH JERSEY NUCLEAR DIAGNOSTICS, INC., REQUEST FOR
ADDITIONAL INFORMATION CONCERNING APPLICATION FOR
AMENDMENT TO LICENSE, CONTROL NO. 138561**

Dear Dr. Capitanelli:

This is in reference to your letter dated November 22, 2005 requesting to amend Nuclear Regulatory Commission License No. 29-28330-01. In order to continue our review, we need the following additional information:

1. In consideration of Dr. Warren Maresca to become an authorized user for 10 CFR 35.100 and 200 materials, certain work experience requirements were not listed on NRC Form 313A. Those experience requirements as listed in 10 CFR 35.290(c)(1)(ii)(D-G).

(D) Using administrative controls to prevent a medical event involving the use of unsealed byproduct material;

(E) Using procedures to safely contain spilled radioactive material and using proper decontamination procedures;

(F) Administering dosages of radioactive drugs to patients or human research subjects; and

(G) Eluting generator systems appropriate for preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radionuclidic purity, and processing the eluate with reagent kits to prepare labeled radioactive drugs

Please include these work experience on NRC Form 313A.

2. In consideration of Dr. Warren Maresca to become an authorized user for 10 CFR 35.500 materials, a training requirement was not listed on NRC Form 313A. That requirement is listed in 10 CFR 35.590(c), "Has completed training in the use of the device for the uses requested." Please include this training on NRC form 313A.

J. Capitanelli
North Jersey Nuclear Diagnostics, Inc.

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3. On NRC Form 313A, Section 6a did not include dates of the work experience. Please include the dates of work experience. If that work experience is greater than 7 years ago, then please submit any related continuing education and experience since the required training and experience was completed. This requirement is according to 10 CFR 35.59, Recentness of Training.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Industrial, and Academic Uses of Nuclear Material**; then **Toolkit Index Page**. Or you may obtain these documents 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. 138561. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5366.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

Sincerely,

Original signed by Dennis R. Lawyer

Dennis R. Lawyer
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

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