



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

July 12, 2007

Docket No. 03037497  
Control No. 140708

License No. 29-31257-01

Tom DeBarber  
Medical Diagnostics Laboratories  
2439 Kuser Road  
Hamilton, NJ 08690

SUBJECT: MEDICAL DIAGNOSTICS LABORATORIES, REQUEST FOR ADDITIONAL  
INFORMATION CONCERNING APPLICATION FOR NEW LICENSE,  
CONTROL NO. 140708

Dear Mr. DeBarber:

This is in reference to your application dated June 19, 2007 applying for a Nuclear Regulatory Commission license. In order to continue our review, we need the following additional information:

1. Please note that your application will be reviewed against the guidance found in NUREG-1556, Vol. 7. Your submittal did not contain some of the information/procedures as suggested in this guidance, e.g. Survey procedures, material receipt and accountability, etc. In addition, the NUREG suggests responses to these items which does not require the submittal of specific procedures in order to allow you the option of future revisions. Please resubmit your application using the guidance found in NUREG-1556, Vol. 7.
2. All applications for NRC licenses are to be signed by an administrative official of the organization. Please indicate your title within the organization. If you are not an administrative official, please have this individual sign the response to this letter.
3. Regarding the total possession limits indicated in your application, please note that these limits should be set to the maximum amount that will be possessed at any one time, not per year as you indicated. Please resubmit the total possession limits for the different radionuclides to indicate the maximum amount that will be possessed at your facility at any give time.

Current NRC regulations and guidance are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material; Regulations, Guidance, and Communications**. You may also 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 8:00 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. 140708. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-6942.

T. DeBarber  
Medical Diagnostics Laboratories

2

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 Michelle Beardsley***

Michelle Beardsley  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

DOCUMENT NAME: C:\FileNet\ML071930563.wpd

**SUNSI Review Complete: MBeardsley**

After declaring this document "An Official Agency Record" it will be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	<input checked="" type="checkbox"/> N	DNMS/RI	<input type="checkbox"/>	DNMS/RI	<input type="checkbox"/>		
NAME	MBeardsley/MRB							
DATE	7/12/2007							

OFFICIAL RECORD COPY