

January 26, 2012

Dr. William Crevier  
Chief Executive Officer  
Advanced Medical Diagnostics  
16450 S. 104th Avenue, Suite 101  
Orland Park, Illinois 60467

SUBJECT: DEFICIENT REQUEST FOR RECIPROCITY IN NRC FORM 241 DATED  
JANUARY 13, 2012

Dear Dr. Crevier:

The purpose of this letter is to notify you of deficiencies identified in the U.S. Nuclear Regulatory Commission (NRC) Form 241 "Report of Proposed Activities in Non-Agreement States, Areas of Exclusive Federal Jurisdiction, or Offshore Waters" submitted by Advanced Medical Diagnostics, dated January 13, 2012.

In a telephone conversation with NRC inspector Andrew Bramnik on January 25, 2012, you informed the inspector that you sold the assets, equipment, and license for Advanced Medical Diagnostics to Hot Shots Nuclear Pharmacy on December 28, 2011. In a subsequent telephone conversation, Mr. Sean Waite from Hot Shots informed the inspector that control of the State of Illinois license number IL-02322-01 was in the process of being transferred from Advanced Medical Diagnostics to Hot Shots. Mr. Waite also indicated that Hot Shots would conduct the activities proposed in the attachment to the NRC Form 241. Therefore, the entity that currently controls the State of Illinois license number IL-02322-01 is different from the entity that proposes to conduct the activities described on NRC Form 241 dated January 13, 2012.

In addition, Item 19 of the NRC Form 241 indicated that the expiration date of the State of Illinois license number IL-02322-01 is March 31, 2012; however, in the attachment to the NRC Form 241 you requested to conduct nuclear cardiology studies at a work location in Lowell, Indiana on 9 dates after the license expiration date.

Because of these deficiencies, Advanced Medical Diagnostics has not submitted the required information and thus does not qualify for a general license under Title 10 of the Code of Federal Regulations (CFR) 150.20. Work is not to be performed in areas of exclusive Federal jurisdiction, non-Agreement States, or in Federal offshore waters until NRC receives the required information.

Specifically, the NRC must receive confirmation in writing that control of State of Illinois license number IL-02322-01 has been successfully transferred before Hot Shots can use it to apply for a general license under 10 CFR 150.20. Additionally, the NRC can only approve proposed activities in Non-Agreement States for dates when an Agreement State license is valid.

W. Crevier

- 2 -

Please resubmit an initial NRC Form 241 with the required information and supporting documentation under 10 CFR 150.20, based on the discussion above. The general license review process will continue upon receipt of the requested information.

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 Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

*/RA/*

Tamara E. Bloomer, Chief  
Materials Inspection Branch  
Division of Nuclear Materials Safety

Docket No. 150-00012  
State of Illinois License No. IL-02322-01

cc: Sean Waite, Hot Shots Nuclear Pharmacy  
State of Illinois

W. Crevier

- 2 -

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Sincerely,

/RA/

Tamara E. Bloomer, Chief  
Materials Inspection Branch  
Division of Nuclear Materials Safety

Docket No. 150-00012  
State of Illinois License No. IL-02322-01

cc: Sean Waite, Hot Shots Nuclear Pharmacy  
State of Illinois

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