



October 19, 2006

**UNITED STATES NUCLEAR REGULATORY COMMISSION**

Region III, Office of Materials Licensing  
2443 Warrenville Road  
Suite 210  
Lisle, IL 60532-4352

Attention: Patty Pelke

Dear Ms Pelke:

This communication is a request for direction on licensee response to some aspects of the NRC requirement for enhanced security of radioactive materials. Specifically, we are requesting information regarding the security of "hot-labs" and their contents. As you know, MPC provides consulting services to over 300 NRC licensed facilities; recent NRC inspections at some of these facilities have left both our clients and our physicist confused regarding facility modifications.

A number of our facilities are either undergoing or planning renovations to their "hot-labs". In order to supply them with reliable information, we are requesting your help in clarifying NRC requirements. The key area of confusion relates to accessibility through ceilings and ventilation systems, however, any written guidance that you can provide us would be greatly appreciated.

If you have any questions or require additional information, please contact me at 734-936-5535 or by email at [jcarey@umich.edu](mailto:jcarey@umich.edu).

Respectfully Yours,

  
James E. Carey, MS  
President, MPC

2309 Shelby Avenue  
Ann Arbor, MI 48103  
(734) 662-9224 Fax  
(734) 662-3197

70 E. 91<sup>st</sup> Street, Suite 106  
Indianapolis, IN 46240  
(317) 581-1931 Fax  
(317) 581-1911

1780 E. Logan Avenue  
Salt Lake City, UT 84108  
(801) 467-8774 Office & Fax

N7375 Crystal Ridge Dr.  
Beaver Dam, WI 53916  
(920) 885-9872 Fax  
(920) 885-9870

[www.mpcphysics.com](http://www.mpcphysics.com)

RECEIVED OCT 26 2006

**FROM:**  
MEDICAL PHYSICS CONSULTANTS  
(734) 662-3197  
2309 SHELBY AVE.  
ANN ARBOR MI 48103

1 LBS 1 OF 1



**IL 603 9-03**

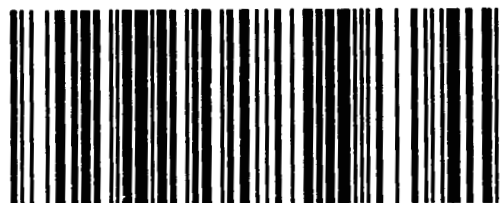


**SHIP TO:**

PATTY PELKE  
U.S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF MATERIALS LICENSING  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
**LISLE IL 60532-4352**

**UPS GROUND**

TRACKING #: 1Z 454 212 03 4760 6374



BILLING: P/P

NUCLEAR REGULATORY COMMISSION  
2443 WARRENVILLE RD  
STE 210  
LISLE IL 60532-3673

P: **YELLOW** S: **4TG**

**0424-4546**

I: **417**



**1Z4542120347606374**

FBVXGS ILAD0113 Oct 25 06 49 55 2006  
TB 6014 HIP 5.10.9 INT4420

UOW 8.0.16 HP LaserJet 5 57.0A 07/2006