

# PETNET Solutions

June 8, 2012

Kevin G. Null  
Materials Licensing Branch  
U.S. NRC Region III  
2443 Warrenville Road  
Suite 210  
Lisle, Illinois 60532-4352

**Re:       Amendment Request to NRC Radioactive Material License  
          PETNET Indianapolis, IN License # 41-32720-02MD**

Dear Mr. Null,

The purpose of this letter is to request an amendment to the above-referenced license in order to install an additional bank of mini cells into the manufacturing area and make a slight change in the restricted area. The new shielded space is necessary for installation of additional chemistry modules to support production of a new radiopharmaceutical. The additional volumetric flow of approximately 50 ft<sup>3</sup> per minute (cfm) does not add an excessive load to the existing ventilation system or filter bank. The shielding is the same 75 mm (3 inches) of lead as is present in the existing mini cells. Established monitoring of flow rates and effluent releases would alert staff to any issues in either area. Please see Attachment A for a floor plan showing the placement of the new mini cell.

The installation phase of this project has already been completed, but the new mini cells are not yet in use. The site RSO has verified that ventilation system flow rates remain within specified limits. PETNET apologizes for not submitting this amendment request sooner and will not utilize the mini cells until approval is received. The change in the restricted area foot print is to enable couriers to pick up and drop off packages without entering the restricted space.

RECEIVED JUN 11 2012

PETNET believes that sufficient information required for the Agency to grant this request has been provided. If you have any questions, please contact me at the number below, or contact Roger Moroney at (865) 218-2595.

Sincerely,

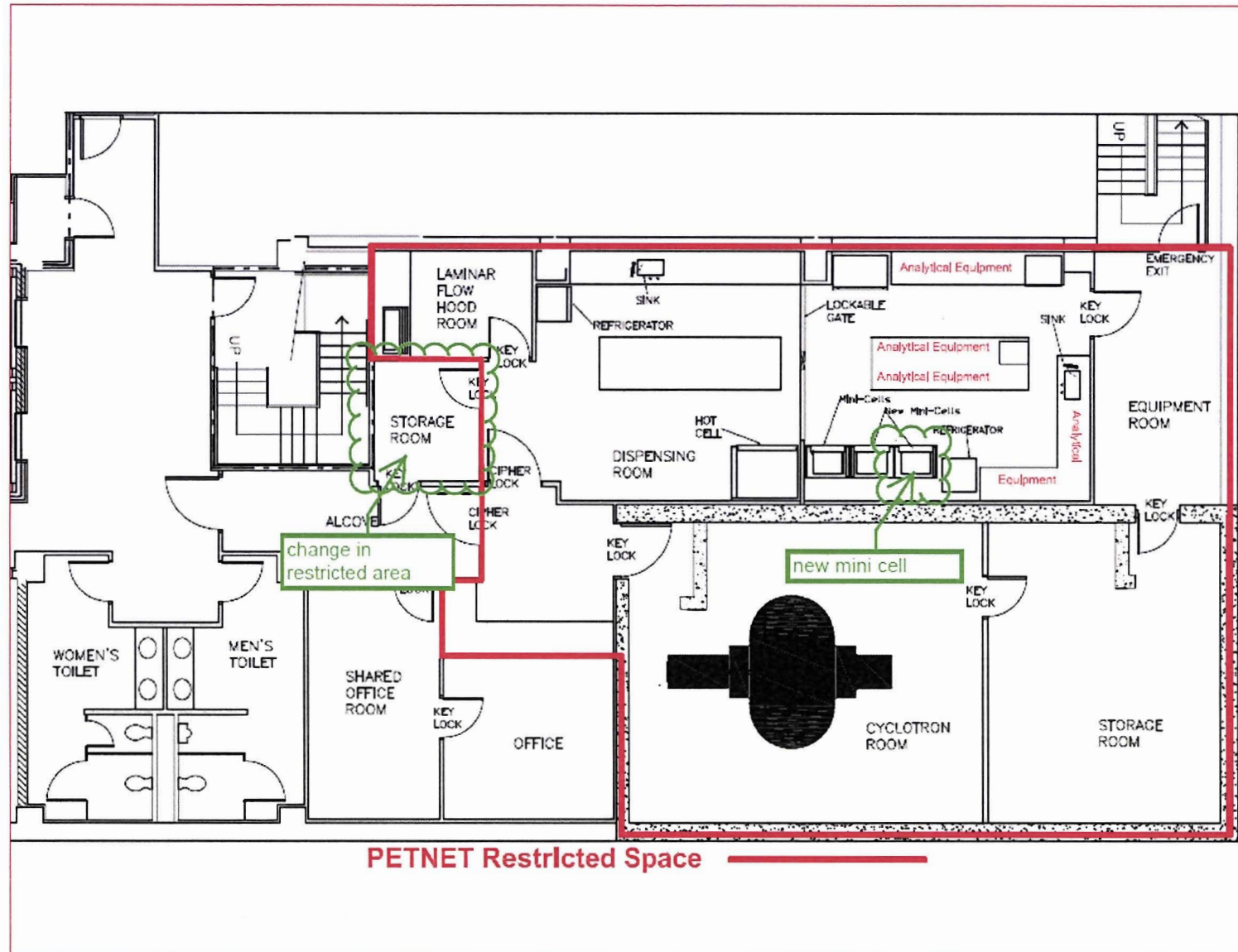
A handwritten signature in cursive script, appearing to read "April Chance".

April Chance, CHP  
Senior Manager of Radiation Protection/EHS  
Molecular Technologies Division of Siemens Molecular Imaging  
PETNET Solutions, Inc.  
(865) 308-3887 mobile  
(865) 218-6355 office  
april.chance@siemens.com

att: Floor plan

cc: Rick Grigson, PharmD, Facility Manager/RSO  
Roger Moroney, CHP, Regional Health Physicist

**Attachment A**  
**Floor plan showing placement of new mini cell**



From: (865) 218-2595  
 Roger Moroney  
 PETNET Solutions, Inc.  
 810 Innovation Drive

Knoxville, TN 37932

Origin ID: RKWA

**FedEx**  
Express



J12101112190225

Ship Date: 08JUN12  
 ActWgt: 0.5 LB  
 CAD: 101635228/NET3250

Delivery Address Bar Code



Ref # Indianapolis 50-938  
 Invoice #  
 PO #  
 Dept #

SHIP TO: (630) 829-9854

BILL SENDER

Kevin Null  
 US Nuclear Regulatory Comm. RIII  
 2443 WARRENVILLE RD STE 210

LISLE, IL 60532

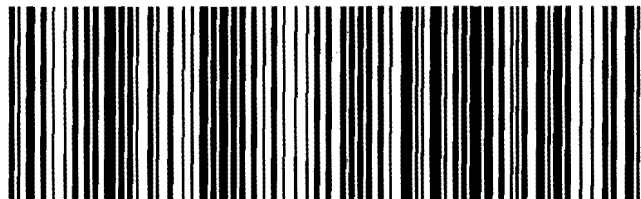
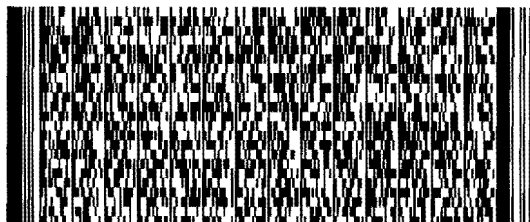
MON - 11 JUN A1  
 STANDARD OVERNIGHT

TRK# 7984 8929 4345

0201

**XH ENLA**

60532  
 IL-US  
 ORD



512G1/793A/A278

**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](http://fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.