

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 ft³ 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.

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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,

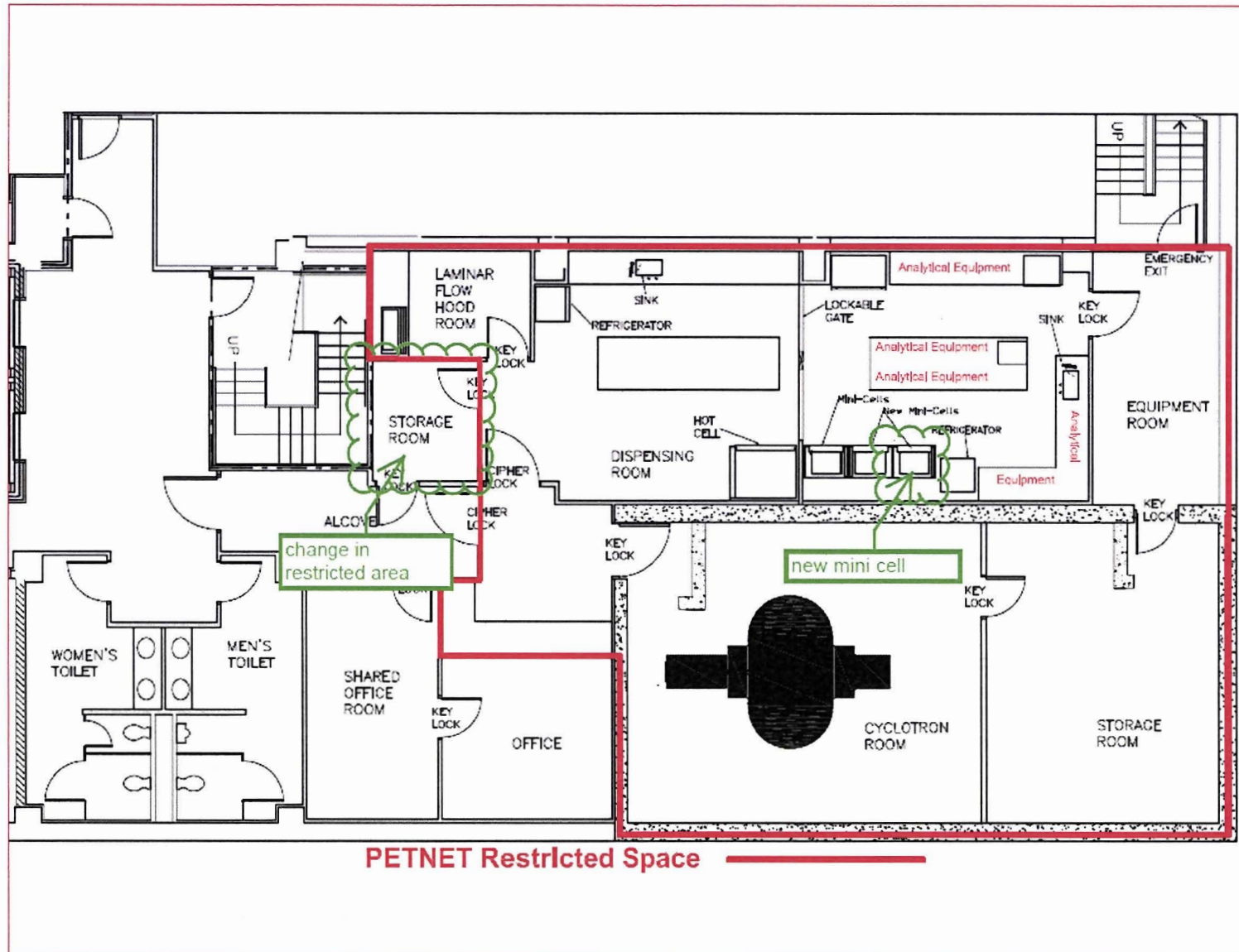
A handwritten signature in cursive script that reads "April Chance".

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



PETNET Restricted Space —————

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

Knoxville, TN 37932

Origin ID: RKWA



J12101112190225

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

Delivery Address Bar Code



SHIP TO: (630) 829-9854

BILL SENDER

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

LISLE, IL 60532

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

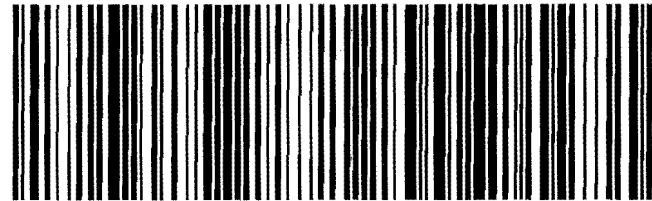
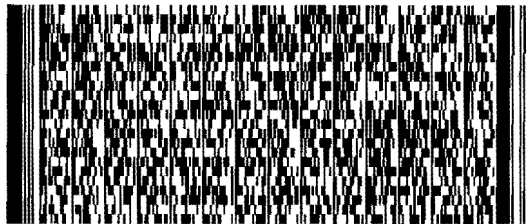
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 STANDARD OVERNIGHT

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