



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

JAN 15 2014

April Chance, CHP
Manager of Radiation Protection/EHS
Molecular Technologies Division of
PETNET Solutions, Inc.
810 Innovation Drive
Knoxville, TN 37932

Dear Ms. Chance:

Enclosed is Amendment No. 02 to your NRC Material License No. 41-32720-05MD in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

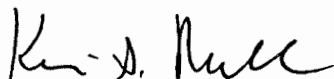
Please also note that we have not added Mr. Gregg Parker to License No. 41-32720-06 at this time because you did not provide enough information to demonstrate that he meets the training and experience criteria described in NUREG-1556, Volume 21, pages 8-16 and 8-17. Page 8-16 describes specific topics that must be covered in didactic training, and page 8-17 describes the minimum experience that must be gained with similar types, forms, quantities, and uses of radioactive material generated by a cyclotron before an individual is qualified to be an authorized user on a cyclotron-production license.

Therefore, as communicated to Mr. Ramon Davila of your staff on January 15, 2014, we have voided your request for the amendment to NRC License Number 41-32720-06. However, you may resubmit your request at a later date after Mr. Parker obtains the required training and experience. Please note that Mr. Parker is authorized to continue to work under the supervision of an authorized user named on the license.

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

In accordance with 10 Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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,

A handwritten signature in black ink, appearing to read "Kevin G. Null". The signature is fluid and cursive, with the first name "Kevin" and last name "Null" clearly distinguishable.

Kevin G. Null
Materials Licensing Branch

License Nos.: 41-32720-05MD; 41-32720-06
Docket Nos. 030-38346; 030-38347

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