



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION I  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PA 19406-2713

May 19, 2016

Docket No. 03019939  
Control No. 590671

License No. 07-16199-02

Roy Proujansky  
Executive Vice President  
Nemours - Alfred I. duPont Hospital for Children  
1600 Rockland Road  
Wilmington, DE 19803

SUBJECT: NEMOURS - ALFRED I. DUPONT HOSPITAL FOR CHILDREN, LICENSE  
AMENDMENT, CONTROL NO. 590671

Dear Mr. Proujansky:

This refers to your license amendment request. Enclosed with this letter is the amended license removing the requested authorized users. The request to add PET isotopes for use in hot cells has not been added at this time. Please review the guidance found in NUREG-1556, Vol. 13 for information to provide for radiopharmacy operations involving PET production. Additionally, if you will be operating a cyclotron or included in a consortium for the operation of a cyclotron, please review the guidance found in NUREG-1556, Vol. 21 for the information to provide.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers. You may contact me at 610-337-5169 for specific questions related to the licensing of PET operations.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Med, Ind, & Academic Uses**; then **Licensee Toolkits**, see our **toolkit index page**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 8:00 a.m. to 5:30 p.m. EST, Monday through Friday (except Federal holidays).

R. Proujansky

2

Thank you for your cooperation.

Sincerely,

***Original signed by Penny Lanzisera***

Penny Lanzisera  
Senior Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 19

cc:  
Kelly Sciole, C.N.M.T., Radiation Safety Officer

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**SUNSI Review Complete: PLanzisera**

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