



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION I  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PA 19406-2713

February 8, 2017

Docket No. 15000037

PA License No. PA-1416

Adam M. Henry  
Radiation Safety Officer  
Jefferson University Radiology  
d/b/a Jefferson Outpatient Imaging  
850 Walnut Street  
Walnut Towers Ground Floor  
Philadelphia, PA 19107

**SUBJECT: NRC INSPECTION REPORT NO. 15000037/2017001, JEFFERSON  
UNIVERSITY RADIOLOGY, ALFRED I. DUPONT CHILDREN'S HOSPITAL,  
WILMINGTON, DELAWARE AND NOTICE OF VIOLATION**

Dear Mr. Henry:

On January 11, 2017, Farrah Gaskins of this office conducted a safety inspection at your client's site at the Alfred I. duPont Children's Hospital, 1600 Rockland Road, Wilmington, Delaware of activities authorized under the license listed above. Your activities in NRC jurisdiction are authorized by a general license granted by 10 CFR 150.20(a). The inspection was an examination of your licensed activities as they relate to radiation safety and to compliance with the Commission's regulations and the license conditions. The inspection consisted of observations by the inspector, interviews with personnel, and a selective examination of representative records. Additional information provided in your email correspondence dated January 12, 2017, and the telephone conversation on January 13, 2017, between you and this office were also examined as part of the inspection. The findings of the inspection were discussed with you at the conclusion of the inspection.

Based on the results of this inspection and in accordance with the NRC Enforcement Policy, the NRC has determined that one Severity Level IV violation of NRC requirements occurred. The violation involved the failure to secure and maintain constant surveillance of licensed material.

The violation is cited in the enclosed Notice of Violation (Notice), because the violation was identified by the NRC.

During our inspection exit meeting on January 13, 2017, you indicated that this was an isolated incident and stated that you had been to the trailer while at another location to ensure proper security. You stated that you have taken corrective and preventative actions to address the violation and that Jefferson University Radiology is committed to radiation safety and to compliance with NRC regulations and licensed conditions.


In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response, if you choose to provide one, will be made available electronically for public inspection in the NRC Public Document Room or from the NRC document system

(ADAMS), accessible from the NRC Web Site at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the Public without redaction.

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 **Regulations, Guidance and Communications**. The current Enforcement Policy is included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **About NRC, Organizations & Functions; Office of Enforcement; Enforcement documents**; then **Enforcement Policy (Under 'Related Information')**. 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).

Please contact Farrah Gaskins at 610-337-5143 if you have any questions regarding this matter.

Sincerely,

  
for James P. Dwyer, Chief  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Notice of Violation

cc w/Encl: Commonwealth of Pennsylvania  
State of Delaware

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Sincerely,

James P. Dwyer, Chief  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Notice of Violation

cc w/Encl: Commonwealth of Pennsylvania  
State of Delaware

Distribution:  
R1Enforcement

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**SUNSI Review Complete: FGaskins**

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OFFICE	DNMS/RI	N	DNMS/RI	N				
NAME	FGaskins	<i>RS</i>	JDwyer	<i>JDwyer</i>				
DATE	<i>2/08/17</i>		<i>2/8/17</i>					

OFFICIAL RECORD COPY

## NOTICE OF VIOLATION

Jefferson University Radiology  
Philadelphia, PA

Docket No. 15000037  
PA License No. PA-1416

During an NRC inspection conducted on January 11, 2017, one violation of NRC requirements was identified. In accordance with the NRC Enforcement Policy, the violation is listed below:

- A. 10 CFR 20.1801 requires that the licensee secure from unauthorized access licensed material that is stored in controlled or unrestricted areas.

Contrary to the above, on January 11, 2017, the licensee did not secure or maintain constant surveillance of licensed material in a controlled or unrestricted area. Specifically on that date, the Commonwealth of Pennsylvania licensee's mobile van was unsecured and the licensee possessed 0.967 mCi of Germanium 68, 0.176 mCi of Cesium 137, and 1.56 mCi of Cobalt 57 in sealed sources that were accessible due to the van being unlocked.

This is a Severity Level IV violation (Enforcement Policy Section 6.7).

Pursuant to the provisions of 10 CFR 2.201, Jefferson University Radiology is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555, with a copy to the Regional Administrator, Region I, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

If you contest this enforcement action, you should also provide a copy of your response to the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001. Under the authority of Section 182 of the Act, 42 U.S.C. 2232, any response which contests an enforcement action shall be submitted under oath or affirmation.

Your response will be placed in the NRC Public Document Room (PDR) and on the NRC Web site. To the extent possible, it should, therefore, not include any personal privacy, proprietary, or safeguards information so that it can be made publically available without redaction. However, if you find it necessary to include such information, you should clearly indicate the specific information that you desire not to be placed in the PDR, and provide the legal basis to support your request for withholding the information from the public.

In accordance with 10 CFR 19.11, you may be required to post this Notice within two working days of receipt.

Dated This 5<sup>th</sup> day of February 2017