

March 11, 2009

Mr. Jack Coffey  
Senior Vice President  
Quality and Regulatory  
Nuclear Pharmacy Services  
Cardinal Health  
7000 Cardinal Place  
Dublin, OH 43017

SUBJECT: NRC INSPECTION REPORT 030-36973/09-04 (FORM 591M Part 1)  
CARDINAL HEALTH, ROANOKE, VIRGINIA FACILITY

Dear Mr. Coffey:

This letter refers to the routine inspection conducted on February 11, 2009, at your Roanoke, Virginia facility. The inspection results were discussed with Vai Paye of your staff during a final telephonic exit briefing conducted on March 10, 2009.

This inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, independent measurements, and observation of activities in progress. Within the scope of this inspection no violations of NRC requirements were identified; therefore, no response to this letter or the enclosed NRC Form 591M is required.

In accordance with 10 CFR 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 document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

J. Coffey

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Should you have any questions concerning this inspection or enclosed report, please contact me at (630) 829-9633.

Sincerely,

*/RA/*

Kenneth Lambert, Acting Chief  
Materials Inspection Branch

Docket No.: 030-36973  
License No.: 34-29200-01MD

Enclosure: Inspection Report 030-36973/09-04

cc w/encl: Leslie P. Foldesi, CHP, Director  
Division of Radiological Health  
Department of Health  
109 Governor Street, Rm 730  
Richmond, VA 23210

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OFFICE	RIII		RIII		RIII		RIII
NAME	KJLambert:cms						
DATE	03/11/09						

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**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: Cardinal Health Nuclear Pharmacy Services 1807-H Murry Road Roanoke, Virginia 24018 REPORT Nos                      2009-004	2. NRC/REGIONAL OFFICE  <b>U.S. Nuclear Regulatory Commission                  Region I, 475 Allendale Road                  King of Prussia, Pennsylvania 19406-1415</b>
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3. DOCKET NUMBER(S) 030-36973	4. LICENSE NUMBER(S) 34-29200-01MD	5. DATE(S) OF INSPECTION February 11, 2009
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**LICENSEE:**

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
  - 2. Previous violation(s) closed.
  - 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.
- Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):
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- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

**Licensee's Statement of Corrective Actions for Item 4, above.**

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Dennis Lawyer	<i>Kate Lambert for</i>	3/10/09

Initial	Announced	<input checked="" type="checkbox"/>	Unannounced	<input checked="" type="checkbox"/>	Routine	Special
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**NRC FORM 591M PART 3**  
(10-2003) 10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

*Docket File Information*  
**SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION**

<b>1. LICENSEE</b> Cardinal Health Nuclear Pharmacy Services 7000 Cardinal Place Dublin, Ohio 43017 REPORT NOS      2009-004		<b>2. NRC/REGIONAL OFFICE</b>  <b>U.S. Nuclear Regulatory Commission</b> <b>Region I, 475 Allendale Road</b> <b>King of Prussia, Pennsylvania 19406-1415</b>	
<b>3. DOCKET NUMBER(S)</b>  030-36973		<b>4. LICENSE NUMBER(S)</b>  34-29200-01MD	
		<b>5. DATE(S) OF INSPECTION</b>  February 11, 2009	
<b>6. INSPECTION PROCEDURES USED</b>  87127		<b>7. INSPECTION FOCUS AREAS</b>  02.01-02.07	
		<b>8. INSPECTOR</b>  Dennis Lawyer	

**SUPPLEMENTAL INSPECTION INFORMATION**

<b>1. PROGRAM CODE(S)</b> 2400	<b>2. PRIORITY</b> 2	<b>3. LICENSEE CONTACT</b> Tom Raferde	<b>4. TELEPHONE NUMBER</b> 412-327-8429
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Main Office Inspection      Next Inspection Date: February 2011

Field Office    1807 – H Murry Road, Roanoke, Virginia 24018

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

Upon reaching the site, the facility was locked and no sign of personnel present. On the back door was a sign stating that the facility was closed, no deliveries with the above telephone number. I called the telephone number and the licensee coordinated to allow access to the facility. According to Mr. Raferde, the amendment to remove the site was submitted to the NRC in January 2009.

Surveys were taken with a Ludlum 14C, Serial Number 235126, calibration date February 26, 2008 with calibration due date February 26, 2009. Nothing above background was detected. No radioactive material detected.

The licensee still has a couple of hoods and cabinets in the facility.

The facility stopped production prior to January 1, 2009. Customers in the Roanoke area are now being served by the Cardinal Health location in Princeton, West Virginia.

The previous violation 030-36973/07-14 is closed as the facility has been closed.

**SUNSI Review Completed By:**     / RA /    Dennis Lawyer

<input checked="" type="checkbox"/> Public	<input checked="" type="checkbox"/> Non-Sensitive	<input type="checkbox"/> Sensitive
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