

March 26, 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 030-36973/09-03 (FORM 591M Part 1)
CARDINAL HEALTH – RICHMOND, VIRGINIA FACILITY

Dear Mr. Coffey:

This letter refers to the routine inspection conducted on March 12, 2009, at your Richmond, Virginia facility. The inspection results were discussed with Willie Regits of your staff during a final telephonic exit briefing conducted on March 20, 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 J. Lambert, Acting Chief
Materials Inspection Branch

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

Enclosure: Inspection Report 030-36973/09-03 (DNMS) (Form 591M Part 1)

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

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SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Cardinal Health Nuclear Pharmacy Services 7000 Cardinal Place Dublin, OH 43017 REPORT NO. 2009-003	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region I, 475 Allendale Road King of Prussia, Pennsylvania 19406-1415
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3. DOCKET NUMBER(S) 030-36973	4. LICENSE NUMBER(S) 34-29200-01MD	5. DATE(S) OF INSPECTION March 12, 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:

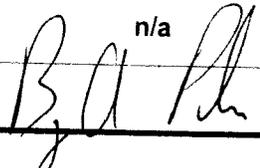
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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):

- 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	n/a	n/a	n/a
NRC INSPECTOR	Bryan A. Parker		03/18/09

Initial	Announced	X	Unannounced	X	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**

1. LICENSEE Cardinal Health Nuclear Pharmacy Services 7000 Cardinal Place Dublin, OH 43017	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region I, 475 Allendale Road King of Prussia, Pennsylvania 19406-1415
REPORT NOS 2009-003	

3. DOCKET NUMBER(S) 030-36973	4. LICENSE NUMBER(S) 34-29200-01MD	5. DATE(S) OF INSPECTION March 12, 2009
6. INSPECTION PROCEDURES USED 87127	7. INSPECTION FOCUS AREAS 02.01-02.07	8. INSPECTOR Bryan A. Parker

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02500	2. PRIORITY 2	3. LICENSEE CONTACT Jack L. Coffey, RSO	4. TELEPHONE NUMBER
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Main Office Inspection Next Inspection Date: _____

Field Office 1500 Tomlyn Street, Richmond, VA 23230

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine assist inspection for Region III of the licensee's Richmond, VA radiopharmacy. The licensee produces 500-600 doses per day for local customers, mostly area hospitals and clinics. First run draw-ups begin at about 1 am each night and there are typically 2-3 runs per day, plus emergent dose needs. The licensee employs 4 pharmacists, 4 pharmacy techs, and several drivers. The licensee receives several generators per week, spread over the week. The inspector reviewed and discussed the licensed program with the senior pharmacist on duty, including training, dosimetry, package receipt and return, instrumentation, surveys, and waste. Selected pharmacy techs and drivers were also interviewed regarding their duties and training. The inspector observed proper use of postings, protective clothing, dosimetry, syringe shields and instrumentation. Audits by the corporate office are performed quarterly. Internal audits are performed monthly. Training is mainly accomplished through computer-based curriculum. The maximum individual extremity and whole body doses for 2008 and 2009 (to date) were well within regulatory limits. Security was maintained adequately for the hot lab and other restricted areas. No significant concerns or violations were noted during the inspection.

Overall the program was well-managed. No violations of NRC requirements or other concerns were noted.

BAP 03/17/09