UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352
November 9, 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 030-36973/09-11 (FORM 591M Part 1)
CARDINAL HEALTH – PRINCETON, WEST VIRGINIA FACILITY

Dear Mr. Coffey:

On October 29, 2009, the Nuclear Regulatory Commission conducted a routine inspection at your Princeton, West Virginia facility. The inspection results were discussed with Willie Regits of your staff during a final telephonic exit briefing conducted on November 6, 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 Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC website at http://www.nrc.gov/reading-rm/adams.html.

Should you have any questions concerning this inspection or enclosed report, please contact Ken Lambert of my staff at (630) 829-9633.

Sincerely,

Tamara E. Bloomer, Chief
Materials Inspection Branch

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

Enclosure:
Inspection Report 030-36973/09-11, (Form 591M, Part 1)

cc w/encl: State of West Virginia

NRC FORM 591M PART 1
(10-2003)
10 CFR 2 201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Cardinal Health 34 New Hope Road Princeton, West Virginia 24740 REPORT Nos 2009-011	**U.S. Nuclear Regulatory Commission** **Region I, 475 Allendale Road** **King of Prussia, Pennsylvania 19406-1415**

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-36973	34-29200-01MD	October 29, 2009

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:

[X] 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			
NRC INSPECTOR	Stephen Hammann	Ken Lambert for	11/19/09

	Initial		Announced	X	Unannounced	X	Routine		Special

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	2. NRC/REGIONAL OFFICE
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3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-36973	34-29200-01MD	October 29, 2009

6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS	8. INSPECTOR
87127	02.01 – 02.07	Steve Hammann

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02500	2	Cliff McClendon - RSO (Princeton, WV)	304-487-5600

☐ Main Office Inspection — Next Inspection Date: October 2011

☒ Field Office 34 New Hope Road, Princeton, West Virginia 24740

☐ Temporary Job Site Inspection _____

PROGRAM SCOPE

Licensee is a nuclear pharmacy which dispenses a relatively small volume of licensed material from this location. This facility has one radiopharmacist, two technologists and approximately eight drivers. There is only one drawing station and the pharmacist is the only one to draw doses and milk the generators. The facility typically receives two generators per week, an 18 curie generator on Monday and a 15 curie generator on Tuesday. The facility produces 150-200 unit doses per day. Almost all of the unit doses are Tc-99m with occasional doses of Tl-201, In-111 and Ga-67. They also dispense several bulk doses of Tc-99m per day to hospitals. The licensee does not compound iodine at this location and only occasionally, approximately 3-4 times per month, redistribute I-123.

Due to the fact that only the one pharmacist draws all the doses and milks the generators, the extremity dose of the pharmacist is on pace to exceed 30 rem this year, which is still well below the regulatory limit.

The 1st run starts at 2:00 AM, the 2nd run starts at 9:00 AM and a 3rd run is done as needed.