

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Radiopharmacy Incorporated 1409 East Virginia Street Evansville, Indiana 47711	2. NRC/REGIONAL OFFICE REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532
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REPORT 2008-001

3. DOCKET NUMBER(S) 030-31910	4. LICENSEE NUMBER(S) 13-26246-01MD	5. DATE(S) OF INSPECTION February 14, 2008
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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.

(Violations and Corrective Actions)

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	Geoffrey M. Warren		2/14/08

Docket File Information
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AND COMPLIANCE INSPECTION



1. LICENSEE Radiopharmacy Incorporated REPORT NUMBER(S) 2008-001		2. NRC/REGIONAL OFFICE Region III	
3. DOCKET NUMBER(S) 030-31910	4. LICENSE NUMBER(S) 13-26246-01MD	5. DATE(S) OF INSPECTION February 14, 2008	
6. INSPECTION PROCEDURES USED 87127	7. INSPECTION FOCUS AREAS 03.01 - 03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02500	2. PRIORITY 2	3. LICENSEE CONTACT Timothy Quinton, R.Ph., RSO	4. TELEPHONE NUMBER 812-421-1002
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Main Office Inspection Next Inspection Date: **Feb. 2010**

Field Office _____

Temporary Job Site _____

PROGRAM SCOPE

This facility was a nuclear pharmacy located in Evansville, Indiana. Licensee staff consisted of five pharmacists, two technologists, and fifteen drivers. The pharmacy manufactured and distributed approximately 300-350 unit doses and bulk technetium vials daily Monday through Friday to 35 regular customers in southwestern Indiana and northwestern Kentucky. Most of the unit doses were technetium-99m compounds. Licensee operated from around 12:00 AM until 5:00 PM on weekdays, with more limited hours on weekends. The first run started at 1:00 AM and went out from 2:45 to 4:30 AM, the second run started about 6:30 AM and left starting around 8:15 AM, and other runs were performed as needed throughout the day. The pharmacy received two molybdenum-99/technetium-99m generators weekly. Licensee compounded iodine capsules and received and redistributed xenon-133 vials and PET doses (fluorine-18). An outside consultant performed an annual review of the licensee's radiation safety program.

Performance Observations

During this inspection, the inspector observed generator elution, molybdenum testing, kit preparation and quality assurance, dose preparations, dose packaging and surveys, package surveys, survey meter checks, package transport, package blocking and bracing, shipping paper preparation and placement, returned package receipt surveys, returned waste sorting and placing into decay in storage, and daily contamination surveys. Licensee personnel demonstrated dose calibrator constancy checks, package receipt surveys, iodine-131 dose compounding, waste tracking and disposal, and bioassay procedures, and described response to vehicular accidents. No issues were identified with these practices. Interviews with licensee staff indicated adequate knowledge of radiation safety procedures and policies. Surveys indicated radiation levels consistent with licensee records and postings.