

SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION

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1. LICENSEE Indiana State Department of Health REPORT NUMBER(S) 2009-01		2. NRC/REGIONAL OFFICE NRC Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4351	
3. DOCKET NUMBER(S) 030-37731	4. LICENSE NUMBER(S) 13-06028-02	5. DATE(S) OF INSPECTION June 2, 2009	
6. INSPECTION PROCEDURES USED 87126		7. INSPECTION FOCUS AREAS 03.01, 03.02, 03.04, 03.05, 03.06, and 03.07	

## SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03620	2. PRIORITY 5	3. LICENSEE CONTACT Rex Bowser	4. TELEPHONE NUMBER 317-233-7272
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<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: June 2014
<input type="checkbox"/> Field Office	
<input type="checkbox"/> Temporary Job Site Inspection	

## PROGRAM SCOPE

The license authorized material to be used at two locations in Indianapolis. This inspection focused on activities conducted at the State's new facility located at 550 West 16<sup>th</sup> Street.

The licensee is authorized to possess various radionuclides in any form ranging from 1 millicurie to 10 millicuries for analysis of environmental samples. This is a State laboratory that receives environmental samples from locations throughout the State and performs analysis for the presence of toxic materials, including radionuclides. In addition, the licensee possesses various standards used for the calibration of instrumentation. Their current inventory includes water samples from various locations throughout the State that contain trace amounts of isotopes of radium, cesium, thorium, uranium and hydrogen, and standards of americium-241, curium-244, thorium-232, uranium-238, and radium-226.

The licensee has two rooms dedicated for the use and storage of licensed material. Access is controlled through lockable doors. Access to the storage area is limited to the authorized users and Radiation Safety Officer. John Ruyack, an authorized user, recently retired. The licensee plans to request an amendment to remove him from the license.

All authorized users wear ICN TLD dosimeters, both whole body and extremity. Results for CY 2008 were minimal, i.e., less than 10 mrem for both whole body and extremity. The licensee has not had any incidents since the license was issued. The Laboratory has established a Radiation Safety Committee that meets on a semi-annual basis.

Performance Observations

Based on interviews conducted by the inspector of three authorized users and the Laboratory Director, the inspector concluded that staff were knowledgeable of the radiation safety program and the safe use and storage of licensed material. The inspector observed an authorized user conduct area surveys. The authorized user also described how staff conduct and analyze smears for removable contamination.

An authorized user also described the receipt and control of environmental samples that potentially contain licensed material, and the safe storage of radioactive waste for ultimate shipment off-site by a waste broker.

No violations were identified.

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Indiana State Dept. of Health  
2 N Meridian Street

2. NRC/REGIONAL OFFICE

Region III  
U.S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532-4351

REPORT NUMBER(S) 2009-01

3. DOCKET NUMBER(S)

030-32231

4. LICENSEE NUMBER(S)

13-06025-02

5. DATE(S) OF INSPECTION

6/2/09

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

Kevin G. Neill

Kevin A. Neill

6/2/09