

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Severn Trent Laboratories - St. Louis
13715 Rider Trail North
Earth City, MO 63045

REPORT 2005001

2. NRC/REGIONAL OFFICE

US NRC Region III
2443 Warrenville Rd
Suite 210
Lisle, IL 60532

3. DOCKET NUMBER(S)

03029601

4. LICENSEE NUMBER(S)

24-24817-01

5. DATE(S) OF INSPECTION

Sept 28, 2005

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 | G. Parker |  | Sept 28, 2005 |

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

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|---|---|---|--|
| 1. LICENSEE Severn Trent Laboratories REPORT NUMBER(S) 2005-001 | | 2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road Lisle, IL 60532 | |
| 3. DOCKET NUMBER(S) 030-29601 | 4. LICENSE NUMBER(S) 24-24817-01 | 5. DATE(S) OF INSPECTION Sept 28, 2005 | |
| 6. INSPECTION PROCEDURES USED 87126 | 7. INSPECTION FOCUS AREAS 03.01-03.07 | | |
| SUPPLEMENTAL INSPECTION INFORMATION | | | |
| 1. PROGRAM CODE(S) 3225 | 2. PRIORITY 5 | 3. LICENSEE CONTACT Michael Ridenhower | 4. TELEPHONE NUMBER 314/298-8566 |
| <input checked="" type="checkbox"/> Main Office Inspection | | Next Inspection Date: 9/2010 | |
| <input type="checkbox"/> Field Office | | | |
| <input type="checkbox"/> Temporary Job Site | | | |

PROGRAM SCOPE

Licensee is a research facility located in Earth City, MO. This licensee uses primarily H-3 and P-32 in research applications but does on occasion do specialized testing for the Department of Energy. As such, this licensee keeps plutonium and uranium standards for analytical purposes. Although authorized for up to curie quantities of radioactive material, the laboratory ~~has~~ keeps its inventory to millicurie levels of radioactive material. The licensee does not conduct human research.

Performance Observations

The inspector toured the laboratory spaces and interviewed authorized users and research workers encountered in the laboratory spaces. Each appeared knowledgeable in radiation safety and isotope handling techniques. Package receipt procedures were demonstrated for the inspector as well as rad waste handling practices. Independent surveys by the inspector did not detect any abnormal reading and were within the expected range.

During the course of the inspection, no abnormalities were noted.