

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
PerkinElmer Life Sciences
2200 Warrenville Rd
Downers Grove, IL 60515

2. NRC/REGIONAL OFFICE
US Nuclear Regulatory Commission
Region III
2443 Warrenville Rd
Lisle, IL 60532

REPORT NUMBER(S) 2011-001

1. DOCKET NUMBER(S)
030-04098

2. LICENSEE NUMBER(S)
12-04933-02

3. DATE(S) OF INSPECTION
August 29, 2011 with in-office
review through 9/22/2011

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) were discussed involving the following requirement(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

Statement of Corrective Actions

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	E. L. KUIZER	<i>E. L. Kuizer</i>	9/22/2011
Branch Chief	T. E. Bloomer	<i>T. E. Bloomer</i>	9/28/2011

Docket File Information
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1. LICENSEE PerkinElmer Life Sciences 2200 Warrenville Rd Downers Grove, IL 60515		2. NRC/REGIONAL OFFICE US Nuclear Regulatory Commission Region III 2443 Warrenville Rd Lisle, IL 60532	
REPORT NUMBER(S) 2011-001			
3. DOCKET NUMBER(S) 030-04098	5. LICENSE NUMBER(S) 12-04933-02	6. DATE(S) OF INSPECTION 8/29/2011 with in-office review through 9/22/2011	
7. INSPECTION PROCEDURES IP 87125	8. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 03225	2. PRIORITY 5	3. LICENSEE CONTACT Rick Haines	4. TELEPHONE NUMBER 630/322-5202
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- Main Office Inspection Next Inspection Date: 8/2016
- Field Office Inspection _____
- Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee is authorized to use barium-133, and euphorium-152 sealed sources containing nominally 20uCi per source for demonstration, installation, relocation, maintenance testing incidental to servicing liquid scintillation counters (LSC) in areas where NRC maintains jurisdiction. The licensee services LSC devices from other manufacturers that contain euphorium-152 sealed sources. The licensee custom orders these Ba-133 sealed sources from North American Scientific in California. The small activity sources are used as internal check sources for the LSC unit. The licensee installs these check sources containing Ba-133 inside the counters, and distributes these LSC units containing these sources under the NRC License 12-04933-02E, a distribution license. The licensee also possessed IEMA manufacturing and possession license in Illinois. The licensee authorizes four individuals in Downers Grove, Il., and approximately 100 service engineers throughout the US.

Performance Observations

The inspector toured the facility and observed the manufacturing facility that included the storage area containing licensed devices. The Illinois facility is under the jurisdiction of IEMA (Illinois), and it was inspected by IEMA inspectors. The inspector reviewed the training records during the inspection of the facility in Downers Grove, and the inspector concluded that the licensee trained all authorized individuals. All authorized individuals must maintain annual refresher training through computer-based training. Currently there were no violations identified during the inspection. The inspector reviewed procedures which had been updated since becoming a license condition and determined that no significant changes had taken place that would effect the radiation safety program.