

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
Positron Corporation
7715 Loma Court
Suite A
Fishers, IN 46038
REPORT NUMBER(S) 2010-001

2. NRC/REGIONAL OFFICE
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4351

3. DOCKET NUMBER(S)
030-38150

4. LICENSEE NUMBER(S)
13-32765-01

5. DATE(S) OF INSPECTION
December 2, 2010

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	Deborah A. Piskura	<i>Deborah A. Piskura</i>	12/2/2010
Branch Chief	Tamara E. Bloomer	<i>Tamara Bloomer</i>	12/10/10

Docket File Information
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3. DOCKET NUMBER(S) 030-38150	4. LICENSE NUMBER(S) 13-32765-01	5. DATE(S) OF INSPECTION Dec. 2, 2010	
6. INSPECTION PROCEDURES 87126	7. INSPECTION FOCUS AREAS 03.01-03.08		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 03620	2. PRIORITY 5	3. LICENSEE CONTACT John Zehner, RSO	4. TELEPHONE NUMBER 317-576-0183
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Main Office Inspection Next Inspection Date: Dec. 2015
 Field Office Inspection
 Temporary Job Site Inspection _____

PROGRAM SCOPE

This licensee was research and development company employing 7 individuals at its Indianapolis office. The licensee was authorized to use a variety of isotopes for laboratory research and development. Four individuals were authorized to use RAM under the supervision of the RSO/authorized user. The majority of the licensee's use of RAM was limited to Moly-99/Tc-99m generators where the licensee would elute the generator in order to mimic hot lab processes for product development.

This inspection consisted of a tour of the research areas, the radioactive waste storage areas and the material storage rooms; review of select records; interviews with licensee staff; observations of experiment set-ups; and independent radiation measurements.