

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Oncology hematology Associates 3699 Epworth Road Newburgh, IN 47630 REPORT NUMBER(S) 2009-001		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351	
3. DOCKET NUMBER(S) 030-37836	4. LICENSEE NUMBER(S) 13-32700-01	5. DATE(S) OF INSPECTION October 21, 2009	

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	S. J. Mulay		10/30/09

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AND COMPLIANCE INSPECTION**

1. LICENSEE Oncology Hematology Associates		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
REPORT NUMBER(S) 2009-01			
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6. INSPECTION PROCEDURES USED 87132		7. INSPECTION FOCUS AREAS 03.01-03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 2230	2. PRIORITY 2	3. LICENSEE CONTACT Z (John) Zhang, MS., RSO	4. TELEPHONE NUMBER 812-485-5703
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: October 2011	
<input type="checkbox"/> Field Office			
<input type="checkbox"/> Temporary Job Site Inspection			

PROGRAM SCOPE

This was an initial inspection.

This active medical facility performs about 95 diagnostic PET/CT imaging studies monthly utilizing Florine-18 (FDG) in whole body scans and approximately 20 High Dose Rate Afterloader (HDR) fractionated treatments monthly involving primarily mammosite and gynecological applications as boost from LINAC. The facility is staffed by 5 technologists, 2 authorized users, and 1 physicist/RSO. F-18 unit doses are received from an area nuclear pharmacy. HDR source changes are performed approximately quarterly. This location became operational in November 2008.

Performance Observations

Interviews conducted with available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. A patient injection for F-18 whole-body imaging was observed during the review and revealed proper shielding, and dose calibrator verification. In addition, proper package check-in procedures and daily area surveys were demonstrated with no regulatory issues identified. A daily HDR spot-check was demonstrated and was adequately performed by appropriate staff.

Personal dosimetry records were reviewed for the 4th quarter 2008 and revealed whole-body readings of 198 mRem and extremity readings of 2090 mRem. YTD 2009 records indicated whole-body and extremity measurements of 510 mRem and 3090 mRem respectively. These reading are for the technologist responsible for PET injections. Readings for the other technical staff were noted to be well below regulatory requirements.

Licensed material was observed well secured and/or under surveillance and was not readily accessible to members of the general public. Proper operational checks of HDR closed circuit room monitor, intercom system, emergency equipment availability, source condition indicator lights, and random review of physician written directives, were performed with no problems noted. Independent measurements taken in restricted and unrestricted areas did not indicate readings above expected.

JRS