

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  
American Oncologic Associates  
of Michigan, P.C.  
70 Fulton Street  
Pontiac, MI 48341  
REPORT NUMBER(S) 2011-001

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

3. DOCKET NUMBER(S)  
030-33134

4. LICENSEE NUMBER(S)  
21-26488-01

5. DATE(S) OF INSPECTION  
May 06, 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             | Deborah A. Piskura / Bill Lin | <i>[Signature]</i> | 5/06/2011 |
| Branch Chief              | Tamara E. Bloomer             | <i>[Signature]</i> | 5/11/11   |

NRC FORM 591 M PART 3  
(06-2010)  
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

*Docket File Information*  
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| 3. DOCKET NUMBER(S)<br>030-33134  |                  | 4. LICENSE NUMBER(S)<br>21-26488-01  | 5. DATE(S) OF INSPECTION<br>May 6, 2011 |
| 6. INSPECTION PROCEDURES<br>87131 & 87132   |                  | 7. INSPECTION FOCUS AREAS<br>03.01-03.08   |   |
| <b>SUPPLEMENTAL INSPECTION INFORMATION</b>  |                  |  |   |
| 1. PROGRAM<br>02230   | 2. PRIORITY<br>2 | 3. LICENSEE CONTACT<br>Jeffery D. Forman, M.D., RSO  | 4. TELEPHONE NUMBER<br>248-338-0300     |

Main Office Inspection      Next Inspection Date: May 2013  
 Field Office Inspection  
 Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This licensee was a free-standing cancer treatment center, adjacent to the St. Joseph Mercy Hospital (NRC License No. 21-11651-01), and authorized to use Sm-153 for treatment of metastatic bone disease and Ir-192 in and HDR unit. No beta-emitting radiopharmaceuticals had been used since the previous inspection. Licensed activities were conducted by four authorized users and two medical physicists. The cancer center administered approximately 50 patient treatments annually using its HDR unit; the majority of these treatments were for bronchial and gynecological cancers. All HDR patient treatments were administered by the attending radiation oncologist, an authorized medical physicist and a radiation therapist. Source exchange, maintenance, and repairs on the HDR unit were performed by the manufacturer. Although the licensee was authorized to administer Sm-153 at another clinic in Farmington Hills, no RAM was used at this location to date.

This inspection consisted of interviews with licensee personnel, a review of selected records, independent surveys, a tour of the department, and observations of daily HDR QA/safety checks.