

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  
Providence Hospital  
Providence Cancer Center  
22301 Foster Winter Drive  
Southfield, MI 48075

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

REPORT NUMBER(S) 2011-001

3. DOCKET NUMBER(S)  
030-33776

4. LICENSEE NUMBER(S)  
21-26632-01

5. DATE(S) OF INSPECTION  
February 17, 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	<i>Deborah A. Piskura</i>	2/17/2011

Chief  
MIB

TAMARA BLOOMER

*T Bloomer* 2/15/11

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

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3. DOCKET NUMBER(S) 030-33776	4. LICENSE NUMBER(S) 21-26632-01	5. DATE(S) OF INSPECTION Feb. 11, 2011	
6. INSPECTION PROCEDURES 87132	7. INSPECTION FOCUS AREAS 03.01-03.08		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM 02230	2. PRIORITY 2	3. LICENSEE CONTACT Vrinda Narayana, Ph.D., RSO	4. TELEPHONE NUMBER 248-849-8622
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- ☒ Main Office Inspection      Next Inspection Date: Feb. 2013  
☒ Field Office Inspection  
☐ Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This licensee was a free standing cancer treatment center associated with the Providence Hospital. This licensee's authorization was limited to Ir-192 within an HDR unit with DU shielding. The clinic administered 50 patient treatments annually; these treatments consisted of gynecological, mammosite, endobronchial and esophageal cases. The radiation oncology department staff directly involved with the HDR treatments included 4 AMPs and 3 authorized users; the authorized users operated the HDR unit during patient treatments.

At the time of this inspection, the licensee was in the process of replacing its HDR unit and source and relocating its HDR treatment room. Note these activities were authorized by Amendment No. 14 issued on 11/23/2010. This inspection consisted of interviews with selected licensee personnel; a review of selected records; a tour of the old and new treatment rooms and the source storage room; and independent measurements. The inspection included observations of safety features/equipment, security of byproduct material, use of personnel monitoring, and package receipts.