

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Deaconess Hospital
4055 Gateway Blvd
Newburgh, In, 47630-8947

REPORT NUMBER(S) 2013-001

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-01580

4. LICENSE NUMBER(S)

13-00142-02

5. DATE(S) OF INSPECTION

07/30/2013

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:


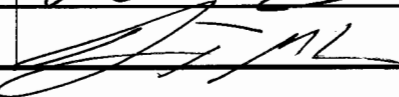
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, 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 in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

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	Bill C. Lin		8/2/13
BRANCH CHIEF	Aaron T. McCraw		8/8/13

Docket File Information

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6. INSPECTION PROCEDURES USED 87132	7. INSPECTION FOCUS AREAS 3.01-3.09
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 2230	2. PRIORITY 2	3. LICENSEE CONTACT John P. Sutkowski, M.D., RSO	4. TELEPHONE NUMBER (812) 858-0080
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Main Office Inspection Next Inspection Date: No Change

Field Office Inspection

Temporary Job Site Inspection

PROGRAM SCOPE

EA-12-245

This was a follow-up inspection in response to a Notice of Violation dated January 31, 2013, transmitting one Severity Level III violation to the licensee for failure to have procedures that provide high confidence that administrations would occur in accordance with the written directives as required by Title 10 Code of Federal Regulations (CFR) 35.41(a)(2) and (b)(2). Specifically, the NRC had determined that Deaconess Hospital's high dose-rate (HDR) remote afterloader brachytherapy procedures did not provide high confidence that the administrations would ~~occur~~ in accordance with the written directives.

Performance Observations

The inspector reviewed the licensee's corrective actions by interviewing the applicable medical staff, physics staff, and reviewing applicable records. The inspector reviewed the licensee's newly implemented training program for the medical and physics staff regarding the HDR unit. The training included an all staff training by the manufacturer of the licensee's HDR unit and it included the following topics: 1) HDR Brachytherapy Concepts, 2) Quality Assurance, 3) emergency procedures, 4) applicator training, and 5) Ocentra software training (for the physics staff only). The inspector also reviewed 10 randomly selected written directives, reviewed the third party evaluations of the written directives, and the updated licensee's procedures. The licensee's staff members appeared knowledgeable about the changes in the licensee's procedures. No additional violations of NRC regulatory requirements were identified, and the previous violation was closed.