

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Goshen General Hospital 200 High Park Avenue Goshen, Indiana 46527 REPORT NUMBER(S) 2008-001		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351	
3. DOCKET NUMBER(S) 030-14254		4. LICENSEE NUMBER(S) 13-18845-01	
5. DATE(S) OF INSPECTION May 28, 2008			

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	Geoffrey M. Warren		5/28/08

**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE Goshen General Hospital REPORT NUMBER(S) 2008-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-14254	4. LICENSE NUMBER(S) 13-18845-01	5. DATE(S) OF INSPECTION May 28, 2008	
6. INSPECTION PROCEDURES USED 87131, 87132		7. INSPECTION FOCUS AREAS 03.01 - 03.08; 03.01 - 03.08	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02230	2. PRIORITY 2	3. LICENSEE CONTACT Brent D. Murphy, M.S., RSO	4. TELEPHONE NUMBER 574-533-2141
-----------------------------	------------------	---	-------------------------------------

<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: May 2010
<input type="checkbox"/> Field Office	
<input type="checkbox"/> Temporary Job Site Inspection	

PROGRAM SCOPE

The licensee was a 100-bed hospital located in Goshen, Indiana, which served patients from the northern Indiana region. Licensee was authorized to perform activities under Sections 35.100, 35.200, 35.300, and 35.400, as well as iridium-192 in a high dose rate (HDR) remote afterloader under 35.600, and yttrium-90 as microspheres under 35.1000.

The nuclear medicine department was staffed with four full-time technologists and one student who administered licensed material under supervision. The staff typically administered 150 diagnostic doses monthly in the nuclear medicine area, primarily technetium-99m (Tc-99m) doses received as unit doses or prepared from bulk technetium. The nuclear medicine staff typically performed around 40-50 procedures using iodine-131 annually, including whole body scans, hyperthyroid treatments, and thyroid cancer treatments, and performed around 5 therapies annually using samarium-153. In addition, they performed around 40 therapies annually using yttrium-90 microspheres.

The radiation oncology staff consisted of two oncologists, two physicists, and three dosimetrists. They performed approximately 400 HDR fractions annually, primarily mammosite treatments. In addition, they had performed one prostate seed implant therapy in February 2008, and planned to perform more such therapies soon after the inspection.

Performance Observations

During this inspection, the inspector did not review diagnostic nuclear medicine because it was reviewed in detail during the previous inspection in January 2006. The next inspector should review this area.

No therapeutic procedures took place during the inspection. The inspector observed HDR daily checks and receipt of seeds for a prostate implant, and licensee personnel demonstrated and explained planning, preparation, setup, administration, and follow-up procedures for HDR, prostate seed implant, microsphere, and radiopharmaceutical therapies. The inspector identified no issues with these activities. Interviews with licensee staff indicated adequate knowledge of radiation safety concepts and procedures. Surveys indicated radiation levels consistent with licensee records and postings.