

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Portage Hospital 500 Campus Drive Hancock, MI 49930 REPORT NUMBER(S) 12-01		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-13827	4. LICENSE NUMBER(S) 21-18525-01	5. DATE(S) OF INSPECTION June 25, 2012	

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	Andrew M. Bramnik	<i>Andrew M. Bramnik</i>	6/25/12
BRANCH CHIEF	<i>Hironori Peterson</i>	<i>[Signature]</i>	7/9/12

Docket File Information

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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01 - 03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02121	2. PRIORITY 5	3. LICENSEE CONTACT John Jokela, Director of Radiology	4. TELEPHONE NUMBER (906) 483-1000
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Main Office Inspection Next Inspection Date: 06/25/2017

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine inspection of a 37 bed hospital that performed approximately 50 diagnostic nuclear medicine procedures per month. One full time nuclear medicine technologist performed all patient procedures Mondays through Fridays with assistance from one cross-trained technologist. The licensee obtained unit doses and occasional bulk doses of licensed material from a nuclear pharmacy in Marquette, MI. In March 2011 the licensee began obtaining unit doses instead of receiving molybdenum/technetium generators, and no generators were on site during the inspection. The licensee performed mostly cardiac, bone, and HIDA scans, and was not authorized to administer therapeutic doses of licensed material.

PERFORMANCE OBSERVATIONS

Interviews of available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. The licensee successfully demonstrated dose calibrator constancy checks, package receipt, daily surveys, and waste handling and disposal procedures. The inspector confirmed that these activities were successfully completed by reviewing selected records, and verified that the licensee's technologist was familiar with the definition of a medical event. A contract physicist performed quarterly program audits that were adequate to oversee the program.

Licensed material was adequately secured and not readily accessible to members of the general public. The licensee possessed a radiation survey meter that was calibrated, operational, and performed comparably to readings from an NRC survey meter. Personal whole body and extremity dosimetry badges were observed being worn by the staff during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits. Dosimetry records indicated that the highest annual whole body and extremity readings since the previous inspection were 255 millirem (mrem) and 1450 mrem, respectively.

No violations were identified during this inspection.