

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Spectrum Health United
615 S. Bower Street
Greenville, Michigan 48838

REPORT NUMBER(S): 11-01

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-35613

4. LICENSEE NUMBER(S)

21-32293-01

5. DATE(S) OF INSPECTION

December 15, 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	Priscilla K. Maha	<i>Priscilla K. Maha</i>	12/15/11
NRC INSPECTOR	Andrew M. Bramnik	<i>Andrew M. Bramnik</i>	12/15/2011
Branch Chief	Tamara E. Bloomer	<i>Robert D. Bittner, Jr.</i>	12/20/11

Docket File Information
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1. LICENSEE Spectrum Health United REPORT NUMBER(S) 11-01	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532
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3. DOCKET NUMBER(S) 030-35613	4. LICENSEE NUMBER(S) 21-32293-01	5. DATE(S) OF INSPECTION December 15, 2011
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6. INSPECTION PROCEDURES 87131	7. INSPECTION FOCUS AREAS 03.01 – 03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 02120	2. PRIORITY 3	3. LICENSEE CONTACT John A. Merchun, M.D. – RSO	4. TELEPHONE NUMBER 616-225-9330
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Main Office Inspection

Next Inspection Date: December 2014

Field Office Inspection

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine inspection of a 100 bed hospital that performed between 80 and 100 diagnostic nuclear medicine procedures per month. One full time and two part time nuclear medicine technologists performed all patient procedures. The licensee obtained unit doses and occasional bulk doses of licensed material from an area nuclear pharmacy, and did not use xenon-133 or molybdenum/technetium generators. The licensee performed primarily cardiac, bone, HIDA, and gastric emptying scans. Although the licensee was authorized to administer therapeutic doses of licensed material, the licensee had not performed any therapy treatments since the previous inspection.

PERFORMANCE OBSERVATIONS

Interviews of available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. The licensee successfully described or demonstrated dose calibrator constancy checks, package receipt, daily surveys, and waste handling and disposal procedures. An outside consultant 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 well in side-by-side comparison with an NRC instrument. Independent measurements did not indicate readings in excess of Title 10 of the Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. 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 259 millirem (mrem) and 1900 mrem, respectively.

No violations were identified during this inspection.