

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Sturgis Hospital 916 Myrtle Ave. Sturgis, Michigan 49091 REPORT NUMBER(S) 2019001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-11109	4. LICENSE NUMBER(S) 21-16475-01	5. DATE(S) OF INSPECTION August 19, 2019	

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:

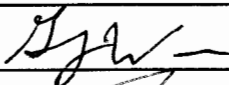

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Geoffrey Warren, Sr. HP		8/19/19
BRANCH CHIEF	Aaron McCraw		8/23/19

Docket File Information

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6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 03.01 - 03.09		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT John Bormann, M.D., RSO	4. TELEPHONE NUMBER (269) 651-7824
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☒ Main Office Inspection Next Inspection Date: 08/19/2022

☐ Field Office Inspection _____

☐ Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine unannounced inspection. The licensee was a hospital located in Sturgis, Michigan, with authorization to perform diagnostic and therapeutic nuclear medicine procedures under 10 CFR 35.100/200/300. The nuclear medicine department was staffed with one full-time nuclear medicine technologist and one fill-in technologist. The licensee's nuclear medicine staff typically administered 100 diagnostic doses monthly and had administered one iodine-131 therapy dose since the previous inspection, with the iodine in capsule form. The diagnostic procedures included a variety of standard procedures but were predominately technetium-99m cardiac imaging. The department received unit doses as needed from a licensed nuclear pharmacy. All waste was either held for decay in storage or returned to the nuclear pharmacy. Licensed activities were performed Tuesday through Friday each week.

Performance Observations: Licensee staff described daily hot lab checks; package receipt and return surveys; daily and weekly contamination surveys; preparation, administration, and disposal of a variety of diagnostic and therapeutic doses; and spill procedures. The inspector reviewed documentation of quarterly health physics audits, training, dose calibrator checks, meter calibration, and other activities. The inspector noted no concerns with these activities. The inspector reviewed the written directive for the single radiopharmaceutical therapy performed since the previous inspection and identified no concerns. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. Review of radiation dosimetry records indicated no exposures of concern. The inspector performed independent and confirmatory radiation measurements that were consistent with licensee survey records and postings.

No violations were identified as a result of this inspection.