NRC FORM 591M PART 1
(07-2012)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Sturgis Hospital 916 Myrtle Avenue Sturgis, MI 49091 REPORT NUMBER(S) 2013-001	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-11109	21-16475-01	8/13/2013

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 violations(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	Ryan Craffey	Ryan Craffey	8/13/13
BRANCH CHIEF	Aaron McCraw		8/19/13

NRC FORM 591M PART 3
(07-2012)
10 CFR 2.201

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Docket File Information

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6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87131	All

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02120	3	John Bormann, MD - RSO	(616) 651-7824

☑ Main Office Inspection Next Inspection Date: August 2016

☐ Field Office Inspection

☐ Temporary Job Site Inspection

PROGRAM SCOPE

The licensee is a small community hospital authorized by its NRC license to use unsealed byproduct material authorized by 10 CFR 35.100, 35.200 and 35.300 at its facility in Sturgis, Michigan. The licensee receives unit doses from a local radiopharmacy for a wide variety of diagnostic procedures and for therapeutic administrations using less than 33 mCi of iodine-131 in capsule form. The hospital employs two full-time technologists who perform approximately 20 diagnostic procedures per week, Mondays through Fridays. The hospital performed three therapeutic administrations of iodine-131 between February 2012 and January 2013, the first such administrations since 2008. The hospital retains the services of a medical physics consultant to perform instrument calibrations, sealed source leak tests, and quarterly audits of the radiation safety program.

PERFORMANCE OBSERVATIONS

The inspector toured the nuclear medicine lab and conducted independent and confirmatory surveys of the lab and other areas of the department. Those surveys demonstrated the adequacy of the licensee's survey instrumentation and found no residual contamination or exposures to members of the public distinguishable from background. The inspector was unable to observe the administration of any licensed material. Instead, the on-staff nuclear medicine technologist demonstrated for the inspector package receipt surveys, instrument quality control, preparation and administration of radiopharmaceuticals, and spill response. Interviews with the technologist demonstrated adequate knowledge of radiation protection principles and licensee procedures.

The inspector reviewed the licensee's procedures and documentation for the administration of radiopharmaceuticals requiring a written directive, and verified that they provided high confidence that the patient's identity was verified before each administration, and that each administration was in accordance with the written directive. The inspector also reviewed a selection of licensee records for package receipt, area surveys, instrument quality control, inventories, waste disposal, leak tests, training, dosimetry, and quarterly medical physicist audits.

No violations of NRC requirements were identified as a result of this inspection.