NRC FORM 591M PART 1
(10-2003) 10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Huron Valley-Sinai Hospital 1 William Carls Drive Commerce, Michigan ~~48282~~-2201 REPORT NUMBER(S) 2010-001	**Region III** **U.S. Nuclear Regulatory Commission** **2443 Warrenville Road, Suite 210** **Lisle, Illinois 60532-4351**

3. DOCKET NUMBER(S)	4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION
030-29063	21-24652-~~02~~ 01	March 4, 2010

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:

- [x] 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		3/4/10

NRC FORM 591M PART 3
(10-2003) 10 CFR 2.201

Docket File Information

U.S. NUCLEAR REGULATORY COMMISSION

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1. LICENSEE Huron Valley-Sinai Hospital REPORT NUMBER(S) 2010-001	2. NRC/REGIONAL OFFICE **NRC Region III** **2443 Warrenville Road, Suite 210** **Lisle, Illinois 60532-4351**

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-29063	21-24652-01	March 4, 2010

6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87130	03.01 – 03.08

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02120	3	Gregg Warren, D.O., RSO	248-937-3408

[X] Main Office Inspection — Next Inspection Date: March 2013

[ ] Field Office

[ ] Temporary Job Site Inspection

PROGRAM SCOPE

The licensee was a 150-bed hospital located in Commerce, Michigan, who used licensed material as authorized under 10 CFR 35.100 and 35.200. While authorized to perform activities under 35.300 and 35.400, the licensee had not performed such activities since before the previous inspection. According to licensee staff, personnel would be retrained in therapeutic procedures before reactivating these programs. Licensed activities were conducted only at the facility identified on the license.

The nuclear medicine department was staffed with three full-time nuclear medicine technologists and one part-time technologist. The licensee's nuclear medicine staff typically administered 400 diagnostic doses monthly, predominately technetium-99m for bone, cardiac, and hepatobiliary imaging. The department received daily unit doses and bulk technetium-99m, when available, from a licensed nuclear pharmacy. All waste was held for decay in storage.

Performance Observations

The inspector observed three diagnostic administrations of technetium-99m, including dose preparation and disposal, as well as package receipt surveys and wipe tests. Licensee staff demonstrated well counter and survey meter QC, dose calibrator constancy checks, and daily contamination surveys. The inspector noted no issues with these activities. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings. The inspector reviewed radiation safety committee meeting minutes and determined that the meetings had adequate representation and discussed appropriate topics.

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