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
Allegan General Hospital 555 Linn Street Allegan, Michigan 49010 REPORT NUMBER(S) 2008-001	**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
030-14003	21-18659-01	October 31, 2008

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) 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		10/31/08

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 Allegan General Hospital REPORT NUMBER(S) 2008-001	2. NRC/REGIONAL OFFICE **NRC Region III** **2443 Warrenville Road, Suite 210** **Lisle, Illinois 60532-4351**

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6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87131	03.01 – 03.08

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02120	3	Philip J. Hartgerink, M.D., RSO	269-673-8424

[X] Main Office Inspection — Next Inspection Date: Oct. 2011

[ ] Field Office

[ ] Temporary Job Site Inspection

PROGRAM SCOPE

The licensee was a 25-bed hospital located in Allegan, Michigan, which primarily served patients from the local county. Licensee had authorization to perform procedures using byproduct materials under 10 CFR 35.100, 35.200, and 35.300. Licensed activities were conducted only at the location indicated on the license. The nuclear medicine department was staffed with two full-time nuclear medicine technologists, who typically administered around 150 diagnostic doses monthly. Doses were primarily technetium-99m unit doses for cardiac, bone, and other procedures, as well as xenon-133, iodine-123, and gallium-67. In addition, the licensee performed approximately one hyperthyroid treatment annually using iodine-131 capsules. All waste was either held for decay in storage or returned to the radiopharmacy.

Performance Observations

The inspector observed one administration of licensed material including dose preparation and disposal, and a package receipt survey including wipes, and noted no concerns with the activities. Licensee personnel demonstrated survey meter and well counter QC, dose calibrator constancy, daily and weekly contamination surveys, and described package return surveys, waste disposal, and a variety of diagnostic procedures and hyperthyroid treatments. The inspector noted no issues with these activities. The inspector reviewed written directives for hyperthyroid treatments. Interviews with licensee staff indicated adequate knowledge of radiation safety concepts and procedures. Surveys indicated appropriate radiation levels in restricted and unrestricted areas.