



**Docket File Information**  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Memorial Medical Center of West Michigan d/b/a Spectrum Health Ludington Hospital One Atkinson Drive Ludington, MI 49431  REPORT NUMBER(S) 2016001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S)  030-11565	4. LICENSE NUMBER(S)  21-16737-01	5. DATE(S) OF INSPECTION  June 22, 2016
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6. INSPECTION PROCEDURES USED  87130	7. INSPECTION FOCUS AREAS  3.01-3.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02121	2. PRIORITY  5	3. LICENSEE CONTACT  Evan Boote, Ph.D. - RSO	4. TELEPHONE NUMBER  (231) 592-4243
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Main Office Inspection                      Next Inspection Date: June 22, 2021

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was an unannounced, routine inspection of a medical institution authorized to use byproduct materials in Sections 35.100, 35.200, and 31.11. The licensee's nuclear medicine department conducted an average of 25 patient studies per week. The licensee employed three full-time and one part-time nuclear medicine technologists. The majority of diagnostic studies were cardiac imaging; however, the licensee performed a full spectrum of studies as needed. The licensee received unit doses and multi-dose vials from a licensed nuclear pharmacy.

The inspector observed nuclear medicine staff demonstrate package receipt and surveying procedures, daily dose calibrator constancy checks, daily surveys, and waste disposal procedures. All patient procedures scheduled for the day had been completed prior to the start of the inspection; however the technologist demonstrated adequate knowledge of radiation protection principles, and emergency procedures in the event of a spill when explaining the administration process to the inspector.

The inspector reviewed a selection of licensee records, including program audits, dose calibrator linearity records, dose calibrator accuracy records, source inventories, survey meter calibration records, package receipt logs, and dosimetry. In addition, The inspector performed independent and confirmatory radiation measurements, which indicated results consistent with licensee survey records and postings.

No violations were identified during this inspection.