



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



1. LICENSEE <b>Community Hosp. of Anderson and Madison County</b> REPORT NUMBER(S) 2006-001		2. NRC/REGIONAL OFFICE <b>Region III</b>	
3. DOCKET NUMBER(S) 030-01643	4. LICENSE NUMBER(S) 13-10205-01	5. DATE(S) OF INSPECTION May 22, 2006	
6. INSPECTION PROCEDURES USED 87131		7. INSPECTION FOCUS AREAS 03.01 - 03.07	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT Andrew F. Marciniak, M.D., RSO	4. TELEPHONE NUMBER 785-298-5172
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Main Office Inspection      Next Inspection Date: May 2009

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

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

**PROGRAM SCOPE**

The licensee was a 200-bed hospital located in Anderson, Indiana which served the local county. Licensee had authorization to use byproduct materials under Sections 35.100, 35.200, and 35.300. Licensed activities were conducted only at the facility indicated on the license.

The nuclear medicine department was staffed with three full-time nuclear medicine technologists and one additional technologist who assisted when needed. The technologists typically performed 350 diagnostic procedures monthly in the nuclear medicine area. Doses were primarily technetium-99m for cardiac, bone, hepatobiliary, and other studies. In addition, licensee performed studies using indium-111 and iodine-123. Doses were received as unit doses from a licensed radiopharmacy or prepared from bulk technetium-99m. Licensee performed around two iodine-131 treatments, including ablations and hyperthyroid treatments, monthly with the iodine-131 in capsule form. All waste was returned to the radiopharmacy or held for decay-in-storage.

**Performance Observations**

The inspector was unable to observe any diagnostic administrations of licensed material. Licensee personnel demonstrated dose preparation, dose administration, dose disposal, package receipt surveys, dose calibrator constancy tests, and survey meter checks. Licensee staff explained procedures for daily and weekly contamination surveys. The inspector found no concerns with these activities. The inspector reviewed written directives for radiopharmaceutical therapies and found no issues. Interviews with licensee staff indicated adequate knowledge of radiation safety procedures. Radiation surveys indicated radiation levels consistent with licensee survey records.

Since the previous inspection regarding a medical event, licensee had revised their procedures regarding pregnancy tests. They now required all females who could be pregnant to have a pregnancy test before receiving radiopharmaceutical therapies.