

Docket File Information
SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION

1. LICENSEE Jefferson City Medical Group		2. NRC/REGIONAL OFFICE Region III	
REPORT NUMBER(S) 2007-001			
3. DOCKET NUMBER(S) 030-34857	4. LICENSE NUMBER(S) 24-32132-01	5. DATE(S) OF INSPECTION Nov. 6, 2007	
6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 03.01 - 03.08		
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM CODE(S) 02200	2. PRIORITY 3	3. LICENSEE CONTACT Conrad Balcer, D.O., RSO	4. TELEPHONE NUMBER 573-556-7774
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: Nov. 2010	
<input type="checkbox"/> Field Office			
<input type="checkbox"/> Temporary Job Site			

PROGRAM SCOPE

The licensee was a nuclear medicine clinic located in Jefferson City, Missouri, which served the local and surrounding counties. Licensee had authorization to use byproduct materials under Sections 35.100, 35.200, and 35.300. Licensed activities were conducted only at the facility identified on the license.

The nuclear medicine department was staffed with two full-time nuclear medicine technologists. The licensee's nuclear medicine staff typically administered 350 diagnostic doses monthly. Doses were primarily technetium-99m for cardiac, bone, and other studies, received as unit doses from a licensed radiopharmacy. Licensee had performed 21 iodine-131 procedures requiring written directives to date in 2007, including hyperthyroidism and thyroid cancer treatments, with the iodine-131 in capsule form. All waste was held for decay-in-storage.

Performance Observations

The inspector observed three administrations of licensed material, including dose preparation and disposal, as well as a package receipt survey, and noted no concerns. Licensee personnel demonstrated dose calibrator constancy tests, survey meter QC, and daily contamination surveys. The inspector found no concerns with these activities. The inspector reviewed written directives for iodine-131 procedures, and found no issues. Interviews with licensee staff indicated adequate knowledge of radiation safety procedures and concepts. Surveys indicated appropriate radiation levels in restricted and unrestricted areas.

The inspector closed a violation from the previous inspection concerning security of the hot lab because the hot lab was secured when not under supervision by nuclear medicine staff.