

Docket File Information
SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION



1. LICENSEE Dunn Memorial Hospital REPORT NUMBER(S) 2007-001		2. NRC/REGIONAL OFFICE Region III	
3. DOCKET NUMBER(S) 030-12153		4. LICENSE NUMBER(S) 13-17076-01	5. DATE(S) OF INSPECTION August 7, 2007
6. INSPECTION PROCEDURES USED 87131		7. INSPECTION FOCUS AREAS 03.01 - 03.08	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT Douglas D. Geiger, M.D., RSO	4. TELEPHONE NUMBER 812-275-3331
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Main Office Inspection Next Inspection Date: August 2010

Field Office _____

Temporary Job Site _____

PROGRAM SCOPE

The licensee was a 25-bed hospital located in Bedford, Indiana, which served the county and surrounding areas. Licensee had authorization to use byproduct materials under Sections 35.100 and 35.200, as well as iodine-131 under 35.300. Licensed activities were conducted only at the facility identified on the license.

The nuclear medicine department was staffed with one full-time nuclear medicine technologist. The licensee's nuclear medicine staff typically administered 50 diagnostic doses monthly. Doses were primarily technetium-99m for cardiac, bone, and other studies. Doses were received as unit doses from a licensed radiopharmacy or prepared from bulk technetium. Licensee performed iodine-131 treatments for hyperthyroidism approximately once every two years, with the iodine-131 in capsule form. All waste was held for decay-in-storage or returned to the radiopharmacy.

Performance Observations

The inspector observed one diagnostic administration of licensed material including dose preparation and disposal, and identified no issues with the activities. Licensee personnel demonstrated survey meter and wipe counter QC, package receipt surveys, and dose calibrator constancy tests, and described daily and weekly contamination surveys and package return surveys. The inspector found no concerns with these activities. The inspector reviewed written directives for the two iodine-131 procedures performed since the last inspection, 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.