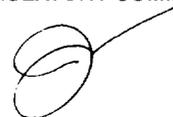


Docket File Information
SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION



1. LICENSEE Barnes-Jewish West County Hospital REPORT NUMBER(S) 2007-001		2. NRC/REGIONAL OFFICE Region III	
3. DOCKET NUMBER(S) 030-31901	4. LICENSE NUMBER(S) 24-26243-01	5. DATE(S) OF INSPECTION March 12, 2007	
6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01 - 03.08		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02121	2. PRIORITY 5	3. LICENSEE CONTACT Donna Vogt, CNMT, RSO	4. TELEPHONE NUMBER 314-434-0600
------------------------------------	-------------------------	---	--

Main Office Inspection Next Inspection Date: **Mar. 2012**

Field Office _____

Temporary Job Site _____

PROGRAM SCOPE

The licensee was a 65-bed hospital located in St. Louis, Missouri, which served primarily the local metropolitan area. Licensee had authorization to use byproduct materials under Sections 35.100 and 35.200. 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. The technologists typically administered 150 diagnostic doses monthly, primarily technetium-99m for bone, cardiac, hepatobiliary, and other studies. In addition, the licensee performed occasional studies using xenon-133. All doses were received as unit doses from a licensed radiopharmacy or prepared from bulk technetium. 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 preparation and waste disposal, and noted no concerns with the procedure. Licensee personnel demonstrated package receipt and return surveys, survey meter and well counter QC, dose calibrator constancy tests, and daily contamination surveys. The inspector found no concerns with these activities. Interviews with licensee staff indicated sufficient knowledge of radiation safety procedures. Radiation surveys indicated radiation levels consistent with licensee survey records and postings.