

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Midwest Division - RBH, LLC d/b/a Belton Regional Medical Center 17065 S. 71 Highway Belton, MO 64012 REPORT NUMBER(S) 2017001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
---	---

3. DOCKET NUMBER(S) 030-18606	4. LICENSE NUMBER(S) 24-24405-01	5. DATE(S) OF INSPECTION March 23, 2017
--------------------------------------	---	--

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 Stephen T. Slack - R.S.O.	4. TELEPHONE NUMBER (816) 348-1200
---------------------------------	----------------------	--	---

Main Office Inspection Next Inspection Date: 03/23/2020

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced, routine inspection of a medical institution that performed medical procedures pertaining to diagnostic testing and treatment of thyroid disease and authorized to use any byproduct material for any study permitted by 10 CFR 35.100, 35.200, and 35.300, excluding carcinoma therapy at the location specified on the license.

The nuclear medicine department was staffed with one full-time and one part-time nuclear medicine technologist (NMT) who perform an average of 3-5 diagnostic studies each day, Monday-Saturday using only unit doses received from a local nuclear pharmacy. The licensee performed 1-2 iodine-131 uptake study administrations monthly, using activities less than requiring a written directive. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy as limited quantity shipments. The licensee retained the services of a medical physics consultant to perform quarterly audits, instrument calibrations, inventories and leak tests.

PERFORMANCE OBSERVATIONS

The inspector toured the nuclear medicine department to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector observed the preparation and administration of two stress tests. The inspector conducted independent surveys and found no exposures to members of the public distinguishable from background. The technologists on staff demonstrated implementation of procedures for package receipt, area surveys, spill response, and waste handling. Through these demonstrations and other discussions, the technologists on staff demonstrated adequate knowledge of radiation protection principles, licensee procedures and NRC requirements.

The inspector also reviewed a selection of licensee records for instrument quality control, package receipt, dose administration, area surveys, decay-in-storage waste handling, dosimetry records, sealed source inventory and leak testing, and quarterly audits of the radiation safety program.

No violations of NRC requirements were identified as a result of this inspection.