

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Missouri State University Campus of Missouri State Springfield, MO. 65897 REPORT NUMBER(S) 15-001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S) 030-18583	4. LICENSE NUMBER(S) 24-11585-04	5. DATE(S) OF INSPECTION December 16, 2015
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6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS 03.01-03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03620	2. PRIORITY 5	3. LICENSEE CONTACT Erin Parrish, RSO	4. TELEPHONE NUMBER (417) 836-4132
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Main Office Inspection Next Inspection Date: 12/16/2020

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an announced routine inspection of a state institution of higher learning authorized for research development and student instruction. At the time of the inspection, the use of the licensed material was limited to possession and storage only of an electron capture detector (ECD) containing a Ni-63 foil and a reference standard containing I-129, as well as decay-in-storage of radioactive waste containing I-125. The licensee no longer possessed any C-14, P-32, or the Multi-Nuclide Marinelli Gamma Standard, and intended to remove those authorizations in its forthcoming license renewal application. The licensee had only one active authorized user, who worked with radioimmunoassay kits containing I-125 at the Jordan Valley Innovation Center.

During the inspection, the licensee's staff demonstrated/discussed: package ordering, receiving, and check-in procedures; contamination surveys and wipe test counting; dosimetry; ECD leak tests, research waste handling and storage procedures; security of licensed material; radiation safety lab audits; staff training; and records of receipt, use, and disposals of licensed material. Independent surveys of the waste storage areas and research lab areas did not reveal any elevated readings and were consistent with license postings and records.

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