

**Docket File Information
SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE U.S. Dept. Of the Interior REPORT NUMBER(S) 2005-001		2. NRC/REGIONAL OFFICE Region III	
3. DOCKET NUMBER(S) 03005146		4. LICENSE NUMBER(S) 24-12728-01	5. DATE(S) OF INSPECTION September 22, 2005
6. INSPECTION PROCEDURES USED 87126		7. INSPECTION FOCUS AREAS 03.01 - 03.07	
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM CODE(S) 03620	2. PRIORITY 5	3. LICENSEE CONTACT Paul R. Heine, RSO	4. TELEPHONE NUMBER 573-876-1815

 Main Office InspectionNext Inspection Date: **September 2010** Field Office Temporary Job Site**PROGRAM SCOPE**

The licensee is authorized to use various isotopes for tracer studies in fish and other aquatic research and also authorized for H-3 and Ni-63 foils in gas chromatographs for sample analysis. and used at 4200 New Haven Road, Columbia, MO, as authorized by the license. Currently there are 20 individuals approved as authorized users, with 3-4 active authorized user possessing licensed material. Total inventory including waste is less than 40 millicuries of C-14 and H-3. Annual activity of licensed material used averages less than 100 microcuries. The licensee also is in possession of 6 generally-licensed HP gas chromatographs containing Ni-63. Unsealed isotope use is currently confined to one lab which includes waste storage and storage of licensed material. The licensee also has a minor amount of radioactive waste confined to a waste facility on the property. All rad. waste is collected and handled by the RSO. The licensee's radiation safety program is audited quarterly by Department of Interior's radiation safety staff based in Denver, CO.

Performance Observations

During the inspection, the licensee's staff demonstrated/discussed: (1) survey instrumentation; (2) removable contamination surveys and counting procedures; (3) package receipt, transfer, and handling procedures; (4) licensed material inventory; (5) waste handling; (6) security; (7) dosimetry; and (8) annual refresher training.