

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: The Curators of the University of Missouri Research Reactor, Research Park Columbia, MO 65211		2. NRC/REGIONAL OFFICE REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, Suite 210 LISLE, IL 60532-4352	
REPORT 03032695/2004-001			
3. DOCKET NUMBER(S) 030-32695	4. LICENSEE NUMBER(S) 24-00513-39	5. DATE(S) OF INSPECTION November 15 - 19, 2004	

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

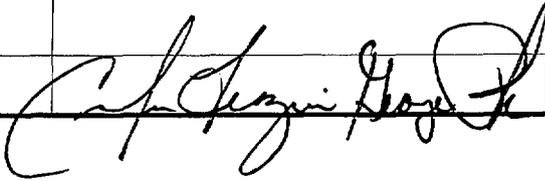
_____ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

STATEMENT OF CORRECTIVE ACTIONS

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE			
NRC INSPECTOR	Cassandra Frazier/George Parker		11-19-04

Docket File Information
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1. LICENSEE The Curators of the University of Missouri REPORT NUMBER(S) 2004-001		2. NRC/REGIONAL OFFICE Region III	
3. DOCKET NUMBER(S) 030-32695	4. LICENSE NUMBER(S) 24-00513-39	5. DATE(S) OF INSPECTION November 15-19, 2004	
6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS 03.01 - 03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03120	2. PRIORITY	3. LICENSEE CONTACT John Ernst	4. TELEPHONE NUMBER 573/882-5218
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Main Office Inspection Next Inspection Date: 11/2005

Field Office _____

Temporary Job Site _____

PROGRAM SCOPE

Licensee is a Type A broadscope research and development license holder as defined in 10 CFR Part 30.4. The licensee produces yttrium-90, lutetium-177, holmium-166, and samarium-153 for cancer research. The research program is administered by the Reactor Radiation Safety Committee (RRSC), who meets at appropriate intervals to conduct business. The radiopharmaceuticals produced by the reactor are distributed only to broadscope medical facilities or to manufactures that are authorized to receive them for developmental purposes.

The staff of the reactor health physics group consists of the Radiation Safety Officer (RSO) and four staff health physicists. The program has approximately 25 authorized users with about 12 actively using materials.

Performance Observations

The inspectors toured the research reactor facilities and interviewed members of the radiation safety staff. Interviews of staff members and ancillary personnel indicated that each was knowledgeable in radiation safety. The inspectors toured laboratory settings and observed work in progress and examined area surveys. Waste handling procedures were reviewed by the inspectors and found to be satisfactory. All waste is transferred to the 24-00513-32 license for final disposal.

The inspectors performed independent and confirmatory surveys which yielded results similar to those of the licensee.