

UNIVERSITY OF MISSOURI

SEP 20 1979

Radiation Safety Office

413 Clark Hall
Columbia, Missouri 65201
Telephone: (314) 882-3721

September 18, 1979

Director, Region III
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Sir:

In response to the request contained in NRC IE Bulletin 79-19 for information, data and plans of action pertaining to the University of Missouri are presented below in the same order as given in the Bulletin. Separate submittals from the University of Missouri are to be forwarded to cover operations conducted under licenses R-79 and R-103. For other operations conducted under NRC licenses, the following information applies:

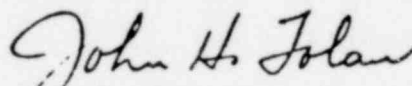
1. Each of five health physics offices maintains a set of NRC and DOT regulations.
2. Each health physics office maintains a set of collection contractor requirements.
3. Each health physics office staff member, health physicist and health physics technician, is designated as responsible for the safe transfer, packaging and transport of low-level radioactive material. No other persons are so designated.
4. A "Handbook of Radiological Operations" contains the general instructions applicable throughout the University for personnel designated as responsible for the safe transfer, packaging and transport of low-level radioactive material. Instructions specific to each office are generated as needed.
5. Health physics office staff members maintain an understanding of regulatory requirements by self-study and mutual assistance.
6. Employees who generate the wastes are instructed in their obligations by the health physics office staff members receiving the wastes. Processing of the wastes is performed by the health physics staff.
7. A regular audit of each of the five health physics offices is performed annually with waste management practices constituting a subelement of the audit.

1171 051

7910220 002

8. The next complete round of audits is scheduled to be completed within six months.
9. For 1978 and for the first six months of 1979, shipments of low-level radioactive wastes from all locations except the two reactor facilities have been as follows:
 1. Four shipments were made totaling 136 ft³.
 2. About 15.5 Ci were shipped consisting mainly of tritium with lesser quantities of C-14, P-32, and I-125 and with minor quantities of other byproduct materials.
 3. Small quantities of liquid wastes shipped were "solidified" with vermiculite.

Sincerely,



John H. Tolan
Radiation Safety Officer

JHT/hlm

cc: Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission

Velma Blansett
W. J. Fields, Jr.
R. Hight, Ph.D.
P. K. Lee, Ph.D.
O. L. Olson
N. Tsoulfanidis, Ph.D.
R. L. Carter, Ph.D.

1171 052