



UNIVERSITY OF MISSOURI-COLUMBIA

*PUBLIC*  
Environmental Health & Safety

Research Park Development Bldg.  
Columbia, Missouri 65211  
Telephone (573) 882-7018  
FAX (573) 882-7940

Hazardous Waste Management 882-7018  
Industrial Hygiene Services 882-7018  
Radiation Safety Office 882-7221  
Workers' Compensation 882-7018

October 10, 1996

U.S. Nuclear Regulatory Commission  
Region III  
Nuclear Materials Licensing Section  
801 Warrenville Road  
Lisle, Illinois 60532-4351

Attn: James McCormick-Barger  
Decommissioning Branch Chief

RE: License No. 24-00513-32  
Docket No. 030-02278

Subject: Notice of Timeliness in Decommissioning Burial Sites for University of Missouri-Columbia Broad Scope License

This letter is being submitted to you in response to the requirement of the "Final Rule on Timeliness in Decommissioning of Materials Facilities." In September 1996, I discussed the requirements of this notification with Mr. William Snell, Region III Decommissioning Branch. He explained that for broad scope licensees, this notification applies to those areas of decommissioning that require license amendments.

At this point in time, the only facility to which this applies is the former low-level radioactive waste disposal site at Hinkson Creek. This is a 95' x 65' area to 8' deep containing radioactive waste buried from about 1964 to 1969 under 10 CFR 20.304. In the inspection notes from the University's last NRC Inspection (Inspection Report No. 96001), it was noted that we have no specific inventory for this site. That statement was incorrect. Our disposal records indicate that low levels of short-lived ( $\leq 120$  day half-life) were buried at this site. NRC said that it would issue by September 15, 1996 a methodology for use as a screening tool to determine if any remediation is needed for prior burial sites. I am confident once the NRC issues the screening methodology that the Hinkson Creek site can be shown to require no further action. We await NRC's publication of the screening methodology.

License No. 24-00513-32  
Docket No. 030-02278

University of Missouri-Columbia  
October 10, 1996

**RECEIVED**

**REGION III**

210022

9610210256 961010  
PDR ADDCK 03002278  
C PDR

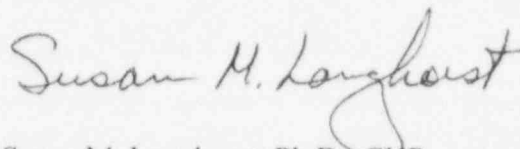
an equal opportunity institution

OCT 15 1996

The University of Missouri-Columbia has another former low-level radioactive waste disposal site located at the Sinclair Research Farm. This former burial site is within one of the University's active radioactive waste management facilities. Remediation of that burial site would disrupt our necessary use of that facility. Therefore, we consider the whole Sinclair Farm Radioactive Waste Facility to still be supporting principle activities of our license. The University provided you, in a letter dated June 20, 1995, a copy of a report, "Workplan for Remedial Site Inspection of the University of Missouri Sinclair Research Farm Site." The need for this assessment resulted from the University's decision to conduct a Remedial Site Evaluation, as described in Section 300.420 of the National Oil and Hazardous Substance Pollution Contingency Plan. Once we receive NRC's screening methodology, we will review this burial site's ability to pass the screening for remaining radioactive material in preparation for the eventual decommissioning of this site.

Please let me know if you need further information concerning this notice.

Sincerely,



Susan M. Langhorst, Ph.D., CHP  
Radiation Safety Officer

cc: W.H. Miller  
J.K. Jones  
J.P. McCormick  
J.L. Beckett