

TRIP REPORT

DATE OF TRIP: October 5, 2017

MEMORANDUM TO: The Curators of the University of Missouri File

LOCATION: The Curators of the University of Missouri
Environmental Health & Safety
8 Research Park Development Bldg.
Columbia, Missouri 65211

LICENSE NO.: 24-00513-32
DOCKET NO.: 030-02278
CONTROL NO.: 586692

PARTICIPANTS: **The Curators of the University of Missouri (Partial List)**

Todd Houts, Director EHS

Felicity Beckfield, Radiation Safety Officer

Silvia Jurisson, Professor of Chemistry;
Interim Radiation Safety Officer

Chase Environmental Group, Inc.

Dustin G. Miller, Midwest Regional Manager

Dave Culp, Field Services Manager

U.S. Nuclear Regulatory Commission (NRC)

Michael LaFranzo, Senior Health Physicist
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PURPOSE: TO DISCUSS ADDITIONAL INFORMATION REQUIRED TO
CONTINUE AMENDMENT REVIEW OF PICKARD HALL
CHARACTERIZATION

BACKGROUND: The licensee had requested NRC review documentation to
support decommissioning activities of Pickard Hall in accordance
with 10 CFR 30.36(g).

DISCUSSION:

The NRC staff met with licensee management, the Radiation Safety Officer and representatives from Chase Environmental Group, Inc. to discuss NRC policies and additional documentation that would be required prior to NRC completing its review of the licensee's request.

During discussions, the licensee committed to provided additional information including, but not limited to, detailed and specific procedures associated with the future radiological characterization and/or remediation of Pickard Hall:

- The use of a Structural Engineer at all stages of characterization and remediation to ensure the structural integrity of the building is not compromised;
- Submittal of procedures to include engineering and administrative controls concerning:
- Analysis of fire hazards and mitigation measures to be used during characterization and/or remediation;
- Radiological effluent releases to the environment including dose analysis;
- Air monitoring of workers to include general area and lapel monitoring systems, to include radon;
- Air monitoring associated with members of the general public;
- Any conditions which could impact any ground water. This would include an analysis of ground water conditions in the area (location, depth, etc...);
- Analysis of dose, internal and external, to workers and members of the public;
- Radiological controls associated with potential air borne releases during characterization and/or remediation;
- Any work subsurface or in walls, floors, etc. to include analysis of water-lines, electrical-lines, chemical, gaseous-lines or other hazards that might be impact by any characterization and/or remediation;
- A detailed estimated time plan of the characterization and/or remediation efforts;
- Estimated volume and type of waste generation, radiological or otherwise;
- How the licensee plans to transfer and dispose of licensed material;
- How the licensee plans to store licensed material prior to transfer and disposal;

- Radiological criteria to be used to release material for unrestricted use;
- Characterization and/or remediation of soil and subsurface;
- Characterization and/or remediation of any building materials and any locations within Pickard Hall;

CONCLUSION:

The licensee stated they would provide the above information with an initial response to the NRC with 60 days of the meeting.

CONTACTS:

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