



Matt Blunt, Governor • Doyle Childers, Director

## DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

July 12, 2006

Ms. Amy M. Snyder, Senior Project Manager  
U.S. Nuclear Regulatory Commission  
Office of Nuclear Material Safety and Safeguards  
Division of Waste Management and  
Environmental Protection  
Materials Decommissioning Section  
Mail Stop T-7E-18  
Washington, D.C. 20555-0001

RE: Addendum to comments submitted to NRC November 2003 relating to the Mallinckrodt C-T Decommissioning Plan Phase II

Docket No. 40-6563  
TAC No. L51568  
NRC License STB - 401

Dear Ms. Snyder:

This is an addendum to comments previously submitted by the Missouri Department of Natural Resources, regarding the Mallinckrodt C-T Decommissioning Plan Phase II (refer to letter from Missouri Department of Natural Resources dated Nov. 3, 2003). We are concerned that it appears that the responsibility for removal of contamination for portions of Plant 5 may not yet be determined, and is subject to negotiations between the landowner and the U.S. Army Corps of Engineers (USACE) (current steward of the Formerly Utilized Sites Remedial Action Program [FUSRAP] projects). Quotes provided within the Decommissioning Plan specify a C-T project boundary that excludes the western portion of Plant 5 and states it is a responsibility of FUSRAP. It is as follows:

The Mallinckrodt Decommissioning Plan II, Section 8, page 8-1 states: (This was also stated in the Phase 1 Plan in Section 2, page 2-3.)

“Within Plant 5, the C-T Project remediation area boundaries have been defined as:

- everything south of the south edge of Destrehan Street,
- everything north of a line drawn along the south sides of Buildings 200 and 260,
- everything west of a line drawn on the east side of Bldgs. 222 and 223, and
- **everything east of a line drawn along the west sides of Buildings 240 and 250.**

Certain Plant 5 areas outside of these limits contain residues of uranium processing under MED/AEC and are the responsibility of USACE under the FUSRAP. The FUSRAP is

*Rec'd  
8-28-06  
AMK*

Ms. Amy M. Synder  
Page Two

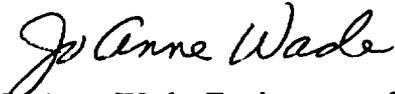
responsible for evaluation and remediation of all areas containing MED/AEC residues, including any areas where such residues are commingled with other radioactive materials such as C-T materials.”

This raises a question on whether contamination exists on Plant 5 that will not be addressed. This is in addition to on-going questions regarding whether contamination removal responsibility has been resolved between the landowner and USACE elsewhere (outside of Plant 5), both on this property and on it's adjoining neighbors. Currently, we do not believe it has. Thus, the department's comment is an appeal to the NRC to consider another "request for additional information" (RAI) to address whether boundaries of responsibilities for the decommissioning/ remediation at this site has been resolved.

If you have any questions, please call me at (314) 877-3251. Address any written communication to 917 N. Hwy 67, Suite 104, Florissant, MO 63031.

Sincerely,

HAZARDOUS WASTE PROGRAM



Jo Anne Wade, Environmental Specialist III  
DOE Unit, Federal Facilities Section

JW:dd

c: Ms. Karen Burke, Mallinckrodt/Tyco  
Ms. Sharon Cotner, USACE, FUSRAP Program Manager  
Mr. Daniel Wall, U.S. EPA, Region VII