

October 30, 2006

MEMORANDUM TO: Rebecca Tadesse, Branch Chief  
Materials Decommissioning Branch  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

FROM: Amir Kouhestani, Project Manager /**RA**/  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

SUBJECT: MALLINCKRODT INC. AND U.S. NUCLEAR REGULATORY  
COMMISSION MEETING ON THE DECOMMISSIONING DOSE  
ASSESSMENT OF THE MALLINCKRODT FACILITY LOCATED  
IN ST. LOUIS, MISSOURI

DATE & TIME: Wednesday, November 15, 2006  
1:00 p.m. - 3:30 p.m.

LOCATION: U.S. Nuclear Regulatory Commission (NRC), Headquarters  
Two White Flint North  
Room: O-14B10  
11555 Rockville Pike  
Rockville, MD 20852

PURPOSE: Conduct a technical review of dose assessment of Phase II  
decommissioning and path forward at the Mallinckrodt facility  
located in St. Louis, Missouri.

CATEGORY: This is a Category 1 Meeting. The public is invited to observe this  
meeting and will have one or more opportunities to communicate  
with the NRC after the business portion, but before the meeting is  
adjourned. The NRC's Policy Statement, "Enhancing Public  
Participation in NRC Meetings," effective May 28, 2002, applies to  
this meeting. The policy statement may be found on the NRC  
Web site at <http://www.nrc.gov/public-involve/public-meetings/v67n102p36920.pdf> and contains information regarding  
visitors and security.

PARTICIPANTS: Participants from NRC and Mallinckrodt, Inc. include the following:

NRC

K. McConnell  
R. Tadesse  
M. Thaggard  
A. Kouhestani  
C. McKenney

MI

K. Burke  
H. Morton, Consultant

MEETING CONTACT: Amir Kouhestani, Office of Federal and State Materials and  
Environmental Management Programs  
301-415-0023  
Aak@nrc.gov

Attendance at this meeting by others than those listed above should be made known via telephone to the above contact by November 14, 2006. This step will ensure that sufficient copies of meeting materials are available. Because meetings are sometimes canceled as a result of unforeseen circumstances, contact the coordinator (meeting contact) to confirm that this meeting will occur as scheduled.

Enclosure: Agenda

Docket No.: 040-06563

cc w/encl:  
Karen M. Burke  
Director, Environmental Remediation  
Mallinckrodt Inc.  
675 McDonnell Boulevard  
P.O. Box 5840  
St. Louis, MO 63134

Jo Ann Wade  
Missouri Department of Natural Resources  
Hazardous Waste Program  
917 North Highway 67, Suite 104  
Florissant, MO 63031

Jacqueline Mattingly  
Project Manager  
U.S. Army Corps of Engineers  
9170 Latty Avenue  
St. Louis, MO 63134

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OFFICE	DWMEP	DWMEP
NAME	AKouhestani	TMixon
DATE	10/30/06	10/30/06

OFFICIAL RECORD COPY

**MALLINCKRODT - NRC MEETING TO  
CONDUCT TECHNICAL REVIEW OF DECOMMISSIONING DOSE ASSESSMENT AND  
PATH FORWARD OF MALLINCKRODT'S FACILITY IN ST. LOUIS, MO**

**NOVEMBER 15, 2006**

**REVISED AGENDA (11.9.06)**

- Opening remarks
- Status of Mallinckrodt Decommissioning
  - Licensee's scope of Phase II Decommissioning Plan (DP)- what site areas the DP is intended to include and exclude and the decommissioning intent and time line
  - Dose modeling approach (methodology), Dose allocation, application of Derived Concentration Guideline Levels (DCGLs) to C-T process plants
  - NRC requirements for approving DCGLs for C-T impacted process areas
  - Discuss dose contribution from potentially unremediated areas of the entire site and the C-T process plants
  - Discuss Mallinckrodt's intentions in applying NRC-approved DCGLs to the surface and sub-surface areas (i.e., in Plant 5, Plant 6W and 7W and any other facilities contaminated by the former C-T processes)
  - Dose modeling path forward plan
  - Environmental considerations
  - Path forward for phase II decommissioning
- Opportunity for the public to ask questions\* of the NRC staff
- Conclusion

\* This is a Category 1 Meeting. The public is invited to participate in this meeting by discussing regulatory issues with the NRC at designated points identified on the agenda.