

July 24, 2002

MEMORANDUM TO: Claudia M. Craig, Section Chief  
Facilities Decommissioning Section  
Decommissioning Branch, DWM

FROM: John T. Buckley */RA/*  
Facilities Decommissioning Section  
Decommissioning Branch, DWM

SUBJECT: MEETING REPORT FOR THE JULY 8, 2002, MEETING WITH  
MALLINCKRODT INC.

On July 8, 2002, U.S. Nuclear Regulatory Commission (NRC) staff members met with representatives of Mallinckrodt Inc. (Mallinckrodt) to discuss implementation of its Phase 1 Decommissioning Plan (DP). In addition, participants discussed technical issues associated with Mallinckrodt's Phase 2 DP. Attached is the meeting report documenting this meeting.

Attachment: Meeting Report

Docket: 040-06563

License: STB-401

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need NRC's approval to release the soil in any manner? Second, what steps will Mallinckrodt take to characterize the soil before it is packaged for transport with C-T decommissioning material, and what affect will the soil have on the estimated dose from disposal at U.S. Ecology? And third, how much soil will be transported with C-T decommissioning material, and what affect will this additional material have on the estimated volume of waste from decommissioning? If the actual amount of soil will significantly change from the estimated volume of waste that was presented in the approved DP, it may be necessary for Mallinckrodt to keep detailed records of how much actual decommissioning waste was shipped by its origin (C-T vs USACE). After the discussion, NRC requested additional time to study the issues.

The second agenda item dealt with the status of Phase 2 decommissioning activities. Mallinckrodt informed NRC that Phase 2 DP development is on schedule to be submitted in January 2003. Mallinckrodt indicated it is having difficulty finding detailed geology, seismology and hydrology information in the literature. NRC stated that the information presented in the Phase 2 DP had to be specific enough to support an environmental assessment (EA) and safety evaluation report. Since an EA had been prepared by USACE using information from existing literature, NRC stated that the same information should be sufficient to prepare an EA for the C-T decommissioning project.

Mallinckrodt also stated that it had completed the dose modeling necessary to derive a shallow soil concentration guideline limit. Mallinckrodt is still considering whether it is necessary to derive a separate concentration guideline limit for deep soil.

The meeting was adjourned at 3:45 am.

Actions:

1. NRC will determine if Mallinckrodt is able to package and transport maintenance soil with solid waste material from C-T decommissioning activities and notify Mallinckrodt.