

November 17, 2011

Mr. Dale Eyman, Site Director  
Mallinckrodt, Inc.  
2703 Wagner Place  
Maryland Heights, MO 63043

SUBJECT: NRC INSPECTION REPORT 030-00001/11-02(DNMS) – MALLINCKRODT, INC.

Dear Mr. Eyman:

On September 13, 2011, with continued U.S. Nuclear Regulatory Commission (NRC) in-office review through October 20, 2011, an NRC inspector performed an inspection at your Maryland Heights, Missouri, facility. The purpose of the inspection was to observe and evaluate the biennial emergency response exercise. The continued in-office review included receipt and review of biennial emergency response exercise dose calculation information that was unavailable during the onsite inspection. On September 13, 2011, the inspector discussed the preliminary inspection findings with you and members of your staff during the onsite exit meeting. On October 20, 2011, the inspector discussed the final inspection findings with Dan Hoffman of your staff.

The inspection was conducted to determine whether Mallinckrodt personnel could successfully implement the Contingency Plan for the Maryland Heights, Missouri, facility. The inspection consisted of observations of selected exercise activities and evaluation of exercise performance.

Areas observed and evaluated during the exercise included, in part, the licensee's preparation for and control of the exercise; emergency command, control, and assessment from the field; Fire Department response; and staff accountability. The inspectors also observed and evaluated contamination control, use of protective equipment, personnel and area surveys, communication effectiveness, dose estimates to licensee personnel and members of the public, and self-critique of the exercise by licensee staff.

The exercise of the Contingency Plan adequately tested the licensee's capability to respond to a radiological accident. Command and control, hazard assessment, dose assessment, and communication were adequate. Licensee staff discussed several ways to improve the licensee's emergency response during the post-exercise critique. The inspector's findings were consistent with those identified by the licensee.

Based on the results of this emergency response exercise, the NRC determined that Mallinckrodt personnel successfully demonstrated their capability to implement the Contingency Plan for the Maryland Heights, Missouri facility, in response to a simulated radiological accident.

D. Eyman

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In accordance with Title 10 of the Code of Federal Regulations (CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

We would like to thank Mallinckrodt for participating with the NRC in the exercise. We will be contacting you in the near future to schedule a post exercise management meeting. We will gladly discuss any questions you have concerning this inspection.

Sincerely,

*/RA/*

Tamara Bloomer, Chief  
Materials Inspection Branch  
Division of Nuclear Safety Materials

Docket No. 030-00001  
License No. 24-04206-01

cc: Dan Hoffman, Radiation Safety Officer

D. Eyman

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Tamara Bloomer, Chief  
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License No. 24-04206-01

cc: Dan Hoffman, Radiation Safety Officer

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