



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

November 12, 2015

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

SUBJECT: NRC SPECIAL INSPECTION REPORT NO. 03000001/2015002(DNMS) –
MALLINCKRODT, LLC

Dear Mr. Eyman:

On October 22, 2015, two inspectors from the U.S. Nuclear Regulatory Commission (NRC) conducted a special inspection at your Maryland Heights, Missouri facility. The purpose of the inspection was to observe and evaluate the biennial emergency response exercise. The inspectors discussed the inspection findings with you and members of your staff during the onsite exit meeting.

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, 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 inspectors' 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. No violations of NRC requirements were identified during this inspection.

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 made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>.

Please feel free to contact Ms. Deborah A. Piskura of my staff if you have any questions regarding this inspection. Ms. Piskura can be reached at 630-829-9867.

Sincerely,

/RA/

Aaron T. McCraw, Chief
Materials Inspection Branch
Division of Nuclear Materials Safety

Docket No. 030-00001
License No. 21-04206-01

cc: Manuel Diaz, Radiation Safety Officer
State of Missouri

D. Eyman

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Sincerely,

/RA/

Aaron T. McCraw, Chief
Materials Inspection Branch
Division of Nuclear Materials Safety

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cc: Diaz, Radiation Safety Officer
State of Missouri

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