

September 19, 2006

Mr. James Caldwell
Regional Administrator
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

RE: NRC License 24-04206-01
April 19, 2006 Report of missing licensed material
May 18, 2006 Letter from Mallinckrodt to the NRC
July 3, 2006 Letter from Mallinckrodt to the NRC
August 9, 2006 Letter from Mallinckrodt to the NRC

Dear Mr. Caldwell:

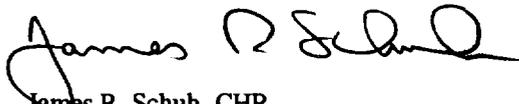
Mallinckrodt Inc. (MI) is providing this letter to the NRC in accordance with 10 CFR 20.2201(d). We contacted the NRC Emergency Operations Center on April 19, 2006 regarding the possible loss or theft of licensed material. Specifically, we reported that 145 depleted uranium (DU) shields used for transporting Tc-99m generators could not be accounted for. In subsequent letters we provided updates to that initial report. The most recent update dated August 9, 2006 indicated we had accounted for all but 10 of the DU shields which had been reported missing. This letter provides an additional update to those reports.

Since our last update on August 9, 2006 three additional DU shields have been located. These shields were returned to Mallinckrodt via one of our couriers on August 22, 2006. As of September 19, 2006 we have accounted for all but 7 of the DU shields which had been reported missing.

As we communicated to you in our May 18, 2006 letter we have adopted new procedures and processes to prevent recurrence. These procedures include provisions for rapid investigation of any delinquent DU shields as well as improvements to our electronic tracking system.

If you have any questions related to this matter or require any additional information, please feel free to contact me directly at 314-654-7981.

Sincerely,



James R. Schuh, CHP
Radiation Safety Officer
Manager, Environmental, Health and Safety