



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

May 25, 2005

Docket Nos.	030-32995	License Nos.	24-04206-01MD
	030-32954		24-04206-13MD
	030-32951		24-04206-14MD
	030-32952		24-04206-15MD
	030-32971		24-04206-16MD
	030-33157		24-04206-17MD
	030-33578		24-04206-19MD
	030-35461		24-04206-22MD

Control Nos. 136604  
136605  
136607  
136608  
136612  
136613  
136614  
136615

Kay M. Yoder  
Director - Radiation, Environment, Health & Safety  
Mallinckrodt, Inc.  
675 McDonnell Boulevard  
P.O. Box 5840  
St. Louis, MO 63134

SUBJECT: MALLINCKRODT, INC., ISSUANCE OF LICENSE AMENDMENT, CONTROL NOS. 136604, 136605, 136607, 136608, 136612, 136613, 136614, AND 136615

Dear Ms. Yoder:

This refers to your license amendment requests. Enclosed with this letter are the amended licenses.

Please review the enclosed documents carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

In accordance with NRC Regulatory Issue Summary (RIS) 2004-17: Revised Decay-In-Storage Provisions for the Storage of Radioactive Waste Containing Byproduct Material (<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2004/ri200417.pdf>), License Nos. 24-04206-15MD, -17MD, -19MD and -22MD have been modified. Each license now contains a revised decay-in-storage (DIS) condition. This revised condition permits greater flexibility for DIS of waste by eliminating a specific holding period prior to disposal. Please

K. Yoder  
Mallinckrodt, Inc.

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review the RIS 2004-17, and the revised condition carefully to ensure that you understand its requirements.

*An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).*

Current NRC regulations and guidance are available at the NRC web site at <http://www.nrc.gov/materials/miau/mat-toolkits.html> and <http://www.nrc.gov/who-we-are/governing-laws.html> or by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

***Original signed by Thomas K. Thompson  
for***

Bryan A. Parker  
Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

Enclosure:

1. Amendment No.23 (24-04206-01MD)
2. Amendment No.18 (24-04206-13MD)
3. Amendment No.24(24-04206-14MD)
4. Amendment No.13 (24-04206-15MD)
5. Amendment No.21 (24-04206-16MD)
6. Amendment No.18 (24-04206-17MD)
7. Amendment No.17 (24-04206-19MD)
8. Amendment No.08 (24-04206-22MD)

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cc:

April Chance, Manager - Radiological Affairs

K. Yoder  
Mallinckrodt, Inc.

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