



October 13, 2009

Materials Licensing Section  
U.S. Nuclear Regulatory Commission  
2443 Warrenville Road, Ste. 210  
Lisle, IL 60532-4352  
Attention: Mr. Kevin Null

RE: License Number 24-04206-01; Docket Number 030-00001

Dear Mr. Null:

This letter is written as a follow up to your recent conversation with Dan Hoffman regarding the license amendment request dated August 24, 2009. Based on that conversation, the license application is revised as follows:

1. In Section 5, Table 5-1, *Radioactive Materials to be Possessed*, the last column of row (a) of the table is revised to include animal studies as a proposed use.
2. In Section 9, *Facilities and Equipment*, include the Stack and Building Data table, a copy of which is attached to this letter.
3. In Section 10.1, add the following paragraph at the end of the section titled "Radiation Safety Committee Audits":

"In addition to the above described audits, which shall be reviewed by the Radiation Safety Committee (RSC), a subcommittee of the RSC may be formed to review audit reports, including proposed findings and corrective actions to be taken to correct any identified deficiencies. Any deficiencies and proposed corrective actions that are considered significant by the RSC subcommittee shall be reviewed by the RSC. Examples of significant deficiencies include nonconformance with standard operating procedures relating to radiation safety or regulatory issues such as non-compliance with the NRC regulations in 10 CFR 20."

If you have any questions regarding this submission please contact me, Dan Hoffman at 314-654-7906 or Jim Schuh at 314-654-7981.

Sincerely,

A handwritten signature in black ink that reads "Mitzi Pennington". The signature is written in a cursive style.

Mitzi Pennington  
Site Director

cc: Jim Schuh – Mallinckrodt  
Dan Hoffman -- Mallinckrodt

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### Stack and Building Data Table

	Stack #1 Bldg. 200	Stack #2 Bldg. 250	Stack #1 Bldg. 200	Stack #3 Bldg. 300	Stack #4 Bldg. 500	Stack #5 Bldg. 600
Release Height (m)	13	8	12	13	13	19
Building Height (m)	7	5	56	7	7	13
Building Width (m)	21	24	47	17	17	60
Building Length (m)	51	35	64	25	25	107

	Stack #5A Bldg. 600	Stack #6 A/B Bldg. 700	Stack # 7 Bldg. 800	Stack # 8 Bldg. 800	Stack #9 Bldg 800	Stack #10 STSB
Release Height (m)	16	10	12	12	12	6
Building Height (m)	13	8	9	9	9	4
Building Width (m)	60	56	24	54	54	6
Building Length (m)	107	59	26	55	55	21

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ATTN: MR. KEVIN NULL  
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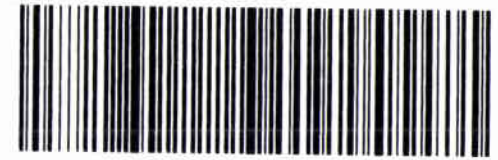
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