HERCULES

11083 Highway D • Louisiana • Missouri • 63353
Phone (573) 754-6211 • Fax (573) 754-3182

Date: June 19, 2008

Total Number of Pages: 2 (including coversheet)

To: Ms. Patricia Pelke Fax Number: 630-515-1078

From: Minh Hoac Department: Environmental

Message: A signed original will be sent by mail. If you have any questions please let me know.

HERCULES

Hercules Incorporated
Missouri Chemical Works
11083 Highway D
Louisiana, MO 63353-4123
(573) 754-6211
FAX: (573) 754-3182
www.herc.com

June 19, 2008

Ms. Patricia Pelke
Branch Chief Material Licensing Branch
Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532

RE: Request Amending NRC License
No. 24-03060-01, Amendment No. 33

Dear Ms. Pelke:

Hercules has enjoyed and appreciated a cooperative working relationship with the NRC. I would like to thank Mr. Hueter for promptly returning my call. The purpose of this letter is to follow-up on my conversation with Mr. Hueter on June 18, 2008, and to request that the Model SHLD-1 by Ohmart/VEGA be added to Item 9 of our current license. During the planned shutdown activities at our facility in September, we would like to replace three (3) existing SHLG-1 nuclear devices with three (3) new SHLD-1 nuclear devices. Each of the SHLD-1 unit has 10 mCi. Upon completion of the new nuclear devices, the three (3) existing SHLG-1 nuclear devices will be removed from our facility for proper disposal by Ohmart/VEGA, a licensed and certified contractor. Since the SHLD-1 nuclear devices activities are less than the old ones, no changes are necessary for Items 6, 7, and 8 of our current license.

According to the manufacturer, the lead time for these new nuclear devices is six (6) to eight (8) weeks subsequent to the amended license from the NRC. Therefore, we are requesting that this amendment to our current license be expedited so that these devices will arrive at our facility before the planned September shutdown.

In summary, Hercules is requesting that Model SHLD-1 by Ohmart/VEGA be added to Item 9 of our current license expeditiously. Thank you very much for your time and cooperation. If you have any questions, please contact me at 573-754-6211, ext. 362 or email mhoac@herc.com.

Sincerely,

Minh Hoac, RSO
Hercules Incorporated

CC: Mr. Doug Ivari