



The Dow Chemical Company  
Midland, Michigan 48667

Jan. 12, 2011

U.S. Nuclear Regulatory Commission

Attn: Document Control Desk  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

Subject: License No. R-108; Docket No. 50-264 Dow Chemical Company

The Dow Chemical Company is withdrawing its request to increase licensed power level to 750 kW. Further The Dow Chemical Company is requesting that the license be renewed at the current licensed power level of 300 kW.

Should you have any questions or need additional information, please contact the undersigned at 989-638-6932.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on Jan. 12, 2011

Melinda Krahenbuhl, Ph.D.  
Director  
Dow TRIGA Research Reactor

Subscribed and sworn to before me this 12 day of Jan, 2011

Notary Public  
Bay County, Michigan  
My Commission Expires: 6/28/2011

**Stacy L. McKeon**  
**NOTARY PUBLIC, BAY COUNTY, MICHIGAN**  
**ACTING IN MIDLAND COUNTY, MICHIGAN**  
**MY COMMISSION EXPIRES JUNE 28, 2011**

cc: Sandeep S. Dhingra, Global R&D Director - Analytical Sciences

A020  
NRR