

June 4, 1997

Mr. Larry Giebelhaus  
Project Manager  
The Dow Chemical Company  
1261 Building  
Midland, MI 48667

SUBJECT: CONFIRMATORY SURVEY AND INSPECTION AT DOW CHEMICAL  
COMPANY'S MIDLAND, MI, MAGNESIUM THORIUM REMEDIATION SITE  
(NRC REPORT NO. 040-00017/97001(DNMS))

Dear Mr. Giebelhaus:

This refers to the confirmatory survey and inspection at Dow Chemical Company's Midland, Michigan site and the tour of the Bay City site on May 13 and 14, respectively, and to the assessment of the results of radioanalysis of soil samples collected during the inspection. This refers also to the discussion of our preliminary findings with you at the conclusion of the onsite portion of the inspection, and subsequently by telephone after the soil sample analyses were completed.

The primary purpose of the inspection was to conduct an independent confirmatory survey at the Midland site. The confirmatory survey was requested by Dow Chemical, to demonstrate that the Midland site, specifically the area in and around the excavation, had been effectively remediated and was below the licensee's proposed guidelines for release for unrestricted use.

Within the scope of the inspection, no violations or deviations were identified.

Based on the results of this inspection, the NRC has determined that Dow Chemical at the Midland site does not have residual radioactive material in excess of the NRC unrestricted release guidelines.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and the enclosure will be placed in the NRC Public Document Room (PDR).

L. Giebelhaus

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Should you have any questions regarding the inspection, please do not hesitate to contact Mr. Ed Kulzer at (630) 829-9875.

Sincerely,

Original Signed by T. Kozak for  
Roy J. Caniano, Acting Director  
Division of Nuclear Materials Safety

License No. STB-00527

Docket No. 040-00017

Enclosure: Inspection Report  
No. 040-00017/97001(DNMS)

cc w/encl: D. Minnaar, Michigan Department of Public Health  
Bureau of Environmental & Occupational Health

bcc w/encl: J. Hickey, NMSS  
J. Buckley, NMSS  
J. Parrott, DWM  
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| NAME   | Kulzer:ib <i>ELK</i> |   | Lee <i>PL</i> |  | Jorgensen <i>JP</i> |   | Caniano <i>TK for</i> |   |
| DATE   | 05/29/97             |   | 05/29/97      |  | 05/29/97            |   | 06/4/97               |   |

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