



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

April 1, 1999

Ms. Theresa Brown, Ph.D.
Sandia National Laboratories
Environmental Risk and Decision Analysis, Org. 6416
Post Office Box 5800, Mail Stop 1345
Albuquerque, New Mexico 87185

**SUBJECT: TASK ORDER 2 - PERFORM PRELIMINARY DOSE ASSESSMENTS ON
FORMER BURIAL SITES**

Dear Dr. Brown:

Enclosed is information for seven former burial sites for your review under Task Order 2. Specifically, information is provided for the following sites:

- FAA - Mike Monroney Aeronautical Center
- USDA Clay Center Burial
- Central Michigan University
- Merck Research Laboratory
- Mallinckrodt
- Pennsylvania State University
- Middlebury College

The primary objective of your review is to determine whether release of each site is justified based on the limited available information (namely, information on the radioactivity). If it is determined that a site is not suitable for release, please identify the type of information that would be needed to demonstrate compliance with the license termination regulations.

The U.S. Nuclear Regulatory Commission (NRC) would like you to review the FAA and USDA sites first. NRC staff is concurrently evaluating these two sites; therefore, your evaluation of these two sites will be used as an additional check on the conclusions reached by staff. In addition, this will help determine the level of additional guidance NRC needs to provide on the other sites. Accordingly, we should plan on meeting to discuss the findings for these two sites before proceeding with the evaluation of the other sites.

In addition to the information on the seven sites, I am also enclosing a copy of preliminary guidance that staff is currently using for conducting dose assessments for decommissioning sites.

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T. Brown, Ph.D.

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If you have any questions, please give me a call at 301-415-6718 or send me an e-mail message at mxt3@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Thaggard". The signature is written in a cursive style with a large, looping initial "M".

**Mark Thaggard, Sr. Systems Performance Analyst
High-Level Waste Branch
Division of Waste Management
Office of Nuclear Material Safety and Safeguards**

Enclosure: As stated

T. Brown, Ph.D.

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If you have any questions, please give me a call at 301-415-6718 or send me an e-mail message at mxt3@nrc.gov.

Sincerely,
[Original signed by:]
Mark Thaggard, Sr. Systems Performance Analyst
High-Level Waste Branch
Division of Waste Management
Office of Nuclear Material Safety and Safeguards

Enclosure: As stated

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