

The quarterly status reports for those Region II sites contained on the ORNL list of formerly licensed sites identified as potentially contaminated are contained in Attachments I through 4. The status reports for those sites with an ORNL final score greater than 300 which remain open are at Attachment I and those with a score from 5 to 300 are at Attachment 2. The status reports for those sites with an ORNL final score greater than 300 which Region II recommends be closed are at Attachment 3 and those with a score from 5 to 300 are at Attachment 4. The information required for the Monthly Information Status Report is at Attachment 5. A tabular summary of all files assigned to Region II is at Attachment 6.

A detailed description of the actions Region 11 has taken to evaluate the status of the two sites associated with the former American Lava Corporation (License No. SNM-00109, ORNL Score 6,140 and License No. C-03469, ORNL Score 33) is at Attachment 7. Region II recommends that the terminated sites status for both these sites be changed from "open" to "closed." We ask that you review these documents as soon as possible so that we may notify the current site owners/occupants of the results of our evaluations and recommendations.

If you have any questions regarding these reports or our evaluations, please contact Mr. Jay L. Henson of my staff at (404) 331-0344.

- Attachments:
- (1) Reports for sites >300 (remain open)
  - (2) Reports for sites <300 (remain open)
  - (3) Reports for sites >300 (recommend deletion)
  - (4) Reports for sites <300 (recommend deletion)
  - (5) Monthly Information Status Report
  - (6) Tabular summary for all Region II sites
  - (7) American Lava Evaluations



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA STREET, N.W., SUITE 2900  
ATLANTA, GEORGIA 30323-0199

November 6, 1995

MEMORANDUM TO:

Donald A. Cool, Director  
Division of Industrial and Medical  
Nuclear Safety  
Office of Nuclear Material Safety  
and Safeguards

FROM:

Bruce S. Mallett, Director   
Division of Nuclear Materials Safety

SUBJECT:

STATUS REPORT OF REGION II REVIEW OF OAK RIDGE  
NATIONAL LABORATORY (ORNL) LIST OF POTENTIALLY  
CONTAMINATED SITES

STATUS REPORTS FOR SITES REVIEWED WITH SCORES <300  
(REMAIN IN OPEN STATUS)

Attachment 2

**REGION II TERMINATED SITES  
LIST**

**SITE STATUS REPORT**

**SEPTEMBER 30, 1995**

Docket No. N/A  
02

License No. 45-00953-

Licensee Name: Department of the  
Army

Site Name: -U.S. Army Engineer Research & Development  
Laboratories

Site Address:

City: Ft. Belvoir

State: VA

Zip: 22060

Regional Contact: Jay L. Henson  
0344

Phone: (404) 331-

Status Summary:

ORNL Final Score: 40

Background

In August, 1957, the U.S. Army Engineer Research & Development Lab (ERDL) was issued this license which authorized possession and use of up to 35 millicuries of carbon 14 to study the evaporation rate of thinners and solvents from paints and up to 100 millicuries of thallium 204 to determine the wear rate and film thickness of protective coatings.

The license was amended on several occasions to add mercury 203, cesium 137, rubidium 86, sodium 24 and praseodymium 142 to study expedient shielding materials, and hydrogen 3 to test and evaluate radioluminous materials.

The license was allowed to expire on October 31, 1966. At that time, the only material authorized by the license was hydrogen 3. The docket file does not contain any information on close-out surveys or disposition of licensed material after the license expired.

## REGION II TERMINATED SITES LIST

### SITE STATUS REPORT

SEPTEMBER 30, 1995

U.S. Army ERDL  
Ft. Belvoir, VA

License No. 45-00953-02  
Docket No. N/A

#### Assessment

ERDL also possessed byproduct material under License number 45-00953-01 at the same time that it possessed byproduct material under License number 45-00953-02. From a review of the 45-00953-01 docket file, it appears that the activities authorized under License number 45-00953-02 were added to the 45-00953-01 license in an amendment to the -01 license dated January 25, 1967 (amendment application dated September 12, 1966). The -01 license is an active license and includes the same activities as authorized by the -02 license. The -02 license was apparently allowed to expire without formal termination based upon the amendment of the -01 license.

Since the activities, materials and facilities authorized under the expired -02 license are the same or similar to those on the current -01 license, it is recommended that the terminated sites status of License No. 45-00953-02 be changed from "open" to "closed". A copy of this document will be placed in the -01 docket file for future reference.