

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

(RECOMMENDED FOR DELETION)

REGION II TERMINATED SITES LIST

SITE STATUS REPORT

OCTOBER 31, 1995

Docket No. N/A

License No. 32-06655-07

Licensee Name: Duke University

Site Name: Botany Department

Site Address:

City: Durham

State: NC Zip:

Regional Contact: Jay L. Henson

Phone: (404) 331-0344

Status Summary:

ORNL Final Score: 32

Background

The AEC issued License No. 32-06655-07 to Duke University on November 29, 1956 for the use of up to 10 millicuries of phosphorus 32 for laboratory studies of mineral absorption and translocation in plants. The license was subsequently amended to include the possession of millicurie amounts of strontium 90, calcium 45, carbon 14, sulfur 35, and strontium 89 for plant studies.

This license was terminated on September 13, 1961, when the materials and activities it authorized were transferred to a different Duke University license, License No. 32-06655-16.

Assessment

Decommissioning and decontamination of the facilities utilized under License No. 32-06655-07 would not have been conducted or required since the use of licensed materials at these facilities was transferred to License No. 32-06655-16, and not discontinued. In addition, the State of North Carolina became an Agreement State in 1964. The use of radioactive materials at Duke University is currently licensed by the State under a broad scope license (License No. 32-0247-1).

Based upon the above information, it is recommended that the status for this terminated site be changed from "open" to "closed".