

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

SEPTEMBER 30, 1995

Docket No. N/A

License No. 39-01285-03

Licensee Name: University of South Carolina

Site Name: Department of Biology

Site Address:

City: Columbia State: SC Zip:
Regional Contact: Jay L. Henson Phone: (404) 331-0344

Status Summary:

ORNL Final Score: 18

Background

The AEC issued License No. 39-01285-01 to the University of South Carolina in December, 1956. At that time, the licensee was authorized to possess up to I millicurie each of strontium 89, calcium 45, ruthenium 106, zirconium 95, and fission products for studies to determine the capacities of various species of algae to accumulate the radioactivity. The license was amended several times from the original during the life of the license.

A note in the docket file indicates that in a letter dated August 17, 1963, the activities and materials authorized by this license were transferred to License No. 39-01285-06. The docket file for License No. 39-01285-03 contains no other reference or document describing its termination.

In September, 1969, the State of South Carolina became an Agreement State. At that time all byproduct material licenses issued by the AEC to licensees in South Carolina, including those issued to the University of South Carolina, were transferred to the State. In May, 1987, all the licenses issued by the State to the University were combined into a single broad scope license, South Carolina License No. 405.

REGION II TERMINATED SITES LIST

SITE STATUS REPORT

SEPTEMBER 30, 1995

University of South Carolina
Columbia, SC

License No. 39-01285-03
Docket No. N/A

Assessment

Based upon information contained in the docket file, it appears that this license was terminated after the activities and materials it authorized were transferred to another license held by the University of South Carolina. Since the activities authorized by this license were not discontinued, but simply transferred to another license issued to the licensee, and since the University of South Carolina continues to conduct licensed activities under a broad scope license issued by the State of South Carolina, it is recommended that the status of this terminated site file be changed from "open" to "closed".

REGION II MONTHLY INFORMATION STATUS REPORT

STATUS OF SITES IDENTIFIED BY ORNL

| | Total | Sites Eliminated | Total Sites Pending | Pending Sites Contaminated |
|-------|-------|------------------|---------------------|----------------------------|
| > 300 | 7 | 4 | 3 ² | 0 ¹ |
| 5-300 | 40 | 15 | 25 ² | 1 |
| Total | 47 | 19 | 28 | 1 |

1 - Contamination at two of these sites is undetermined

2 - One site >300 and four sites <300 recommended for change to "closed" status in this report (4th quarter, FY 95).

STATUS OF LICENSES WITH SEALED SOURCES NOT ACCOUNTED FOR

| | Total | Eliminated or Transferred | Pending |
|-------|-------|---------------------------|---------|
| > 300 | 0 | 0 | 0 |
| < 300 | 75 | 5 | 70 |
| Total | 75 | 5 | 70 |

Note: Total Region II sealed source files reviewed and scored by ORNL was 71. Disposition/status of the files is:

3 - Transferred to other Region or HQ for resolution (status unknown)

2 - Deleted from list after Region II review

31 - At Region II awaiting review

35 - Returned to NRC archives by ORNL without Region II review

Region IV transferred four files from Navy facilities for resolution by Region II.