

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 1, 2, and 3. The status reports for those sites with an ORNL final score greater than 300 are at Attachment 1. The status reports for those sites with an ORNL final score from 5 to 300 which have been reviewed and remain in an open status are at Attachment 2 and the reports for those sites which Region II recommends be closed and deleted from the list are at Attachment 3. The information required for the Monthly Information Status Report is at Attachment 4.

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
(2) Reports for sites <300 (remain open)
(3) Reports for sites <300 (recommend deletion)
(4) Monthly Information Status Report



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

March 23, 1995

MEMORANDUM TO:

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

FROM:

J. Philip Stohr, Director
Division of Radiation Safety and Safeguards

SUBJECT:

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

A handwritten signature in black ink, appearing to read "J. Philip Stohr". The signature is written in a cursive style and is positioned to the right of the typed name of the sender.

STATUSREPORTS FOR SITES WITH SCORES <300
(RECOMMENDED FOR DELETION)

Attachment 3

REGION II TERMINATED SITES
LIST

SITE STATUS REPORT

MARCH 24, 1995

Docket No. 040-01756
00227

License No. SMA-

Licensee Name: Vitro Chemical
Company

Site Name: Vitro Chemical
Company

Site Address: 4000 North Hawthorne
Street

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

Status Summary:

ORNL Final Ranking:
123

Background

This license was originally issued as Source Material License No. R-189 to the Heavy Minerals Company, Chattanooga, Tennessee, in September, 1956. This license authorized the licensee to possess raw and refined source material without limitation as to quantity, for resale and for processing with raw source material from their own mining operations.

License No. R-189 expired on November 1, 1958, and was reissued as License No. R-227 to the Heavy Minerals Company. In 1960 the licensee changed its name to the Vitro Chemical Company. In 1962 the license number was changed to SMA-00227.

Records contained in the docket file indicate that the licensee made effluent releases into the Chickamauga Creek and that early in the life of the license, the effluent release levels exceeded regulatory limits. These records also contain a report of a flood on the evening of March 11, 1963 which washed away part of the earthen dam around a settling basin. This settling basin was used to retain calcium chloride solids from the processing of thorium in the effluent from a process building. The contents of the settling basin were washed into the Chickamauga Creek.

**REGION II TERMINATED SITES
LIST**

SITE STATUS REPORT

Vitro Chemical Company
00227
Chattanooga, TN

License No. SMA-

Docket No. 040-01756

On May 5, 1965, License No. SMA-227 was transferred from the Vitro Corporation of America to W. R. Grace & Co., Davison Chemical Division.

Effective September 1, 1965, the State of Tennessee became an Agreement State and the regulatory authority for this license was transferred from the AEC to the State.

W. R. Grace & Co. is a current State of Tennessee licensee and continues to operate at the same location as originally licensed in 1956.

Assessment

The facilities where licensed activities were performed under this license continue to be utilized for similar activities licensed by the State of Tennessee. There is a high likelihood of contamination at the site which will require remediation upon termination of licensed activities at this site. This remediation will be accomplished by the current licensee with oversight by the State of Tennessee. Region II will send copies of the documents contained in the docket file which may be relevant to future decommissioning of this facility to the State of Tennessee. It is recommended that the terminated sites status of this license be changed from "open" to "closed".