

November 8, 1996

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 (original signed by DM Collins)  
Division of Nuclear Materials Safety

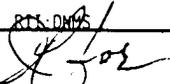
SUBJECT: STATUS REPORT OF REGION II REVIEW OF OAK RIDGE NATIONAL  
LABORATORY (ORNL) LIST OF POTENTIALLY CONTAMINATED SITES

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 through 4. The status reports for those sites with an ORNL final score greater than 300 which remain open are in Attachment 1 and **those with a score** from 5 to 300 which Region II has reviewed and remain open are listed in Attachment 2. The status reports for those sites which are **recommended** for deletion are listed in Attachment 3. The sealed source files which have been reviewed and are recommended for deletion are listed in Attachment 4. The information required for the Monthly Information Status Report is in Attachment 5. A tabular summary of all files assigned to Region II is in Attachment 6.

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) Sealed Sources (recommend deletion)  
(5) Monthly Information Status Report  
(6) Tabular summary for all Region II sites

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

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Office of Nuclear Material Safety  
and Safeguards

FROM: *for* Bruce S. Mallett, Director *B. Mallett*  
Division of Nuclear Materials Safety

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SEALED SOURCE SITES REVIEWED WITH SCORES >1  
AND RECOMMENDED FOR DELETION

1. SNM-00396 University of Mississippi
2. SUD-00278 University of Kentucky
3. SUD-00263 University of Florida
4. 47-01163-26 West Virginia University
5. 01-05661-03 Lloyd Noland Hospital
6. 45-15353-01 James A. Hancock, Jr.
7. 45-01972-02 Allied Chemical Corp.
8. 45-13307-01 Bassett Furniture Industries
9. 45-00174-03 Robert McClelland, M.D.
10. GL-306 Jack L. Hartman and Co.
11. GL-307 Epperson and Dull Co.
12. GL-344 Powers Regulator Co.
13. GL-345 Powers Regulator Co.
14. SNM-00413 University of Louisville
15. CSA-05228 University of Louisville
16. CSA-03518 Virginia Polytechnic Institute
17. 45-12222-01 American Telephone & Telegraph
18. 45-11841-01 American Telephone & Telegraph
19. 45-11842-01 American Telephone & Telegraph
20. 45-13195-01 American Telephone & Telegraph
21. 01-09722-01 H.K. Porter Co.
22. SNM-766 University of Alabama
23. 01-02377-01 Vester J. Thompson, Jr.
24. 01-02377-02 Vester J. Thompson, Jr.
25. CSA-03529 Auburn University
26. 01-02510-02 The Central Foundry Co.
27. 01-11485-01 Chicago Bridge & Iron Co.
28. SNM-00479 Mississippi State University
29. SUD-00158 Mississippi State University

## SITE STATUS REPORT

OCTOBER 23, 1996

Docket No. 70-506

License No. SNM-479

Licensee Name: -Mississippi State University

Site Name: -Department of Physics

Site Address: -N/A

City: State College (Mississippi State) State: MS zip: 39762

Regional Contact: Jay L. Henson Phone: (404) 331-0344

Status Summary:

ORNL Final Score: 14

Background

License No. SNM-479 was issued on March 25, 1965, authorizing possession of uranium enriched in the U-235 isotope and plutonium with a possession limit of 3 grams U-235 as contained in the uranium enriched in the U-235 isotope and 80 grams plutonium encapsulated as Pu-Be neutron sources, for use in accordance with the procedures described in the former licensee's application dated February 3, 1961, as supplemented April 12, 1961. The license issued had an expiration date of May 31, 1964.

Based on a review of available records no information regarding inspection history and disposition of byproduct material was found.

Assessment

Region II staff contacted the representatives of the former licensee and determined that the former licensee had applied for a radioactive materials license with the State of Mississippi and was issued License No. 12-SM-3 on July 27, 1962. The licensee forwarded a copy of its State license to RII. The State of Mississippi license authorized the former licensee for possession and use of Uranium enriched in the U- 235 isotope and plutonium, special nuclear material, enriched uranium in isotope U- 235 and plutonium encapsulated as Pu-Be Neutron sources, with a maximum radioactivity and/or quantity of material of 3 grams U-235 and 80 grams plutonium. The authorized use was for use in a in accordance with the procedures described in the former licensee's application dated February 5, 1961, as supplemented April 12, 1961. Based on this information the Region II staff determined that the licensee transferred the byproduct material possessed under the NRC license to the State of Mississippi license when the State of Mississippi became an Agreement State.

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