

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

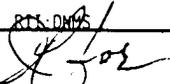
SUBJECT: STATUS REPORT OF REGION II REVIEW OF OAK RIDGE NATIONAL
LABORATORY (ORNL) LIST OF POTENTIALLY CONTAMINATED SITES

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

Distribution w/encl:
PUBLIC

OFFICE	RIS:DNMS	RII:DNMS				
SIGNATURE						
NAME	JHenson	JPotter				
DATE	10 / 29 / 96	10 / 29 / 96	10 / / 96	10 / / 96	10 / / 96	10 / / 96
COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRSS\10-96\TS.MEM



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

November 8, 1996

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

FROM: *for* Bruce S. Mallett, Director *BSM*
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

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

REGION 11 TERMINATED SITES LIST
SITE STATUS REPORT

OCTOBER 23, 1996

Docket No. 040-06373

License No. SUD-158

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: 2.61

Background

Based on a review of available records, the NRC staff determined that the former licensee was issued an AEC License, No. SUD-158, on April 7, 1961, with an expiration date of March 31, 1964. The license was for 2,500 kilograms of natural uranium in the form of cylindrical slugs canned in aluminum for use in a light water moderated subcritical assembly in accordance with the procedures described in the former licensee's application dated February 10, 1961.

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-2 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-238, source material, cylindrical slugs canned in aluminum with a maximum radioactivity and/or quantity of material of 2,500 kilograms. The authorized use was for use in a light water moderated sub-critical assembly in accordance with the former licensee's application dated February 10, 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".

REGION II MONTHLY INFORMATION STATUS REPORT

STATUS OF SITES IDENTIFIED BY ORNL

	Total	Sites Eliminated	Total Sites Pending	Pending Sites Contaminated
> 300	7	6	1 ²	1 ¹
5-300	40	24	16 ²	2
Total	47	30	17	3

1 - Contamination at one of these sites is undetermined

2 - One <300 recommended for change to "closed" status in this report (4th quarter, FY 96).

STATUS OF LICENSES WITH SEALED SOURCES NOT ACCOUNTED FOR

	Total	Eliminated or Transferred	Pending
> 300	0	0	0
< 300	75	3	72
Total	75	3	72 (see note)

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

- 1 - Transferred to other Region for resolution (status unknown)
- 2 - Deleted from list after Region II review
- 43 - At Region II awaiting review/resolution
- 29 - Recommended for change of status from "open" to "closed" in October 1996 status report

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