

OFFICIAL RECORD COPY MATERIALS LICENSE

Amendment No. 10

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		In accordance with letter dated March 14, 1997	
1.	U.S. Department of the Interior U.S. Geological Survey	3. License Number	SMB-237
		is amended in its entirety to read as follows:	
2.	Mail Stop 954 National Center 12201 Sunrise Valley Drive Reston, Virginia 22092	4. Expiration Date	March 31, 2003 (Extended)
		5. Docket or Reference No.	040-01571
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License	
A. Uranium (Natural and Depleted)	A. Any	A. 75 kilograms	
B. Thorium (Natural)	B. Any	B. 35 kilograms	

9. Authorized Use:

A. and B. Laboratory research and development in accordance with statements, representations and procedures contained in application dated December 22, 1992.

CONDITIONS

10. Licensed material shall be used only at: A. Geophysical Survey National Center, Reston, Virginia;
B. 1711 Illinois Street, Golden, Colorado; and,
C. The Federal Center, Buildings 15 and 20, Denver, Colorado.
11. The Radiation Safety Officer for the activities authorized under this license is Dr. Charles Naeser, and in his absence, William C. Anderle.
12. Licensed materials shall be used by, or under the supervision of, Dr. Charles Naeser or William C. Anderle.

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PDR ADOCK 04001571
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number SMB-237

Docket or Reference Number 040-01571

Amendment No. 10

CONDITIONS

Continued -

13. The licensee shall maintain records of information important to safe and effective decommissioning at the headquarters of The U.S. Geological Survey, 12201 Sunrise Valley Drive, Reston, Virginia pursuant to the provisions of 19 CFR 40.36(f) until this license is terminated by the Commission.
13. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated December 22, 1992
- B. Letters dated:
- | | |
|------------------------|---|
| (1) August 29, 1991 | [RSO qualifications] |
| (2) May 23, 1993 | [Dr. McKown's appointment & qualifications] |
| (3) August 22, 1994 | [Change Radiation Safety Officer] |
| (4) September 20, 1995 | [Change Alternate RSO and user] |
| (5) March 1, 1996 | [extends expiration date in accordance with 10 CFR 30.36] |
| (6) March 14, 1997 | [change RSO and users] |

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

DATE MAY 16 1997

BY

Earl G. Wright

Region II, Division of Nuclear Materials Safety
61 Forsyth Street, Suite 23T85
Atlanta, GA 30303

N:\mllicense\smb-237.a10

BETWEEN: : (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
License Fee Management Branch, ARM : Program Code: 11200
and : Status Code: 0
Regional Licensing Sections : Fee Category: EX 2C
: Exp. Date: 19980731
: Fee Comments: NOT SHIELDING
: Decom Fin Assur Reqd: Y
: ::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: INTERIOR, DEPARTMENT OF THE
Received Date: 970317
Docket No: 4001571
Control No.: 257421
License No.: SMB-237
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed _____
Date _____

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /__/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303

May 16, 1997

U. S. Department of the Interior
U.S. Geological Survey
ATTN: Charles Naeser, Ph.D.
Radiation Safety Officer, Mail Stop 926A
National Center
12201 Sunrise Valley Drive
Reston, Virginia 22092

SUBJECT: TRANSMITTAL AND EXPLANATION OF A MATERIALS LICENSE ACTION
(REFERENCE: 257422, 257421; 070-01358, 040-01571)

Dear Dr. Naeser:

Enclosed are license Nos. SMB-237 and SNM-1330 which have been amended in response to your letter dated March 14, 1997.

This also confirms my telephone conversations of March 19, 1997 and May 15, 1997 with Dr. Greg Wandless and yourself regarding possible consolidation of these licenses with License No. 45-15923-01. It is my understanding that you are now preparing applications to request this consolidation.

If you have questions about this letter or your license, please call me at 404/562-4724 (FAX: 404/562-4955).

Sincerely,

A handwritten signature in cursive script that reads "Earl G. Wright".

Earl G. Wright
Senior License Reviewer
Division of Nuclear Materials Safety

Enclosures:

1. License No. SMB-237
2. License No. SNM-1330

cc w/encls: Commonwealth of VA



United States Department of the Interior

GEOLOGICAL SURVEY

Reston, VA 22092
March 14, 1997



Ms. Dianne Heim, Licensing Assistant
Nuclear Materials Safety Section
U.S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, GA 30323

Dear Ms. Heim:

The U.S. Geological Survey requests an amendment to our source materials license number SMB-237 which has an expiration date of March 31, 1998 and SNM-1330 which has an expiration date of February 28, 1995. The purpose of this request is to modify items 11 and 12 under the heading "CONDITIONS" on page 1 of the license. Currently, items 11 and 12 read:

11. The Radiation Safety Officer for the activities authorized under this license is **Gregory A. Wandless** and in his absence, William C. Anderle.

12. Licensed material shall be used by, or under the supervision of, **Gregory A. Wandless**, or William C. Anderle.

We propose to change it to read:

11. The Radiation Safety Officer for the activities authorized under this license is **Dr. Charles Naeser**, and in his absence, William C. Anderle.

12. Licensed material shall be used by, or under the supervision of, **Dr. Charles Naeser**, or William C. Anderle.

Dr. Naeser was recently made the Radiation Safety Officer for the bi-product materials license (45-15923-01) at the U.S. Geological Survey, National Center Facility. This change will allow for easier administration of these licensed activities. If you have any question please call me at (703) 648-6189.

Sincerely,

Gregory A. Wandless

Cc: Charles Naeser, MS 926A
Curt Larsen, MS 953
Gary Kramer, MS 246
Wayne Martin, MS 953
RSO file

257421

MEMORANDUM
OF CALL

Previous editions usable

TO:

Diane

☐ YOU WERE CALLED BY— ☐ YOU WERE VISITED BY—

OF (Organization)

changed via LHS

12/31/96

☐ PLEASE PHONE (Enter area code, if necessary) ☐ DSN

203-648-6391

☐ WILL CALL AGAIN ☐ IS WAITING TO SEE YOU
☐ RETURNED YOUR CALL ☐ WISHES AN APPOINTMENT

MESSAGE

Gregory Wandless SAM-1530
Dept. of Interior
Geological Survey National Center
Mail Stop 954
12201 Sunrise Valley Drive
Reston, VA

RECEIVED BY

20092

DATE

an TIME

NSN 7540-00-634-4018
50363-112

OPTIONAL FORM 363 (Rev. 7-94)
General Services Administration

U.S. Government Printing Office: 1994 — 387-724/00008