

W. R. GRACE & CO.
WASHINGTON RESEARCH CENTER
CLARKSVILLE, MARYLAND

70-456
For Div of Compliance

October 2, 1963

United States Atomic Energy Commission
Washington 25, D.C.

Attention: Division of Licensing and Regulation

Gentlemen:

W. R. Grace & Co. hereby makes application to the United States Atomic Energy Commission for renewal of its Special Nuclear Material License SNM-417, as amended. The information required by Section 70.11 and Section 70.22, Part 70, Chapter 1, Title 10, Code of Federal Regulations is contained herein or is incorporated by reference to our original application dated October 4, 1960. The information is presented in the same numerical order.

1. See application dated October 4, 1960.

2. W. R. Grace & Co., through its Research Division is continuing research in the preparation of compositions of uranium and other materials having specific properties and characteristics. A portion of this work is being performed under AEC Contract AT(30-1)-2884. The Research Division is also carrying out work in support of W. R. Grace's subsidiary, Nuclear Fuel Services, Inc. While most of this work will be done using source or depleted material, it may be necessary to prepare samples containing special nuclear materials. All work will be carried out at the Washington Research Center.

3. It is requested that the license be renewed for a period of one year.

4. The total amount and specifications of the special nuclear material which will be required for the various projects is not known at the present time. However, we will not have in our possession at the Washington Research Center more than 250 grams of contained U-235 at any one time.

5. The dates on which we may require special nuclear material are presently unknown.

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United States Atomic Energy Comm.
Washington, D.C.

From: T. G. Gibian

- 2 -

October 2, 1963

6. See application dated October 4, 1960.
7. See application dated October 4, 1960.
8. See application dated October 4, 1960.

If additional information is required, we will be happy to supply it.

Very truly yours,

W. R. GRACE & CO.

Original Signed By T. G. Gibian

T. G. Gibian
President
Research Division

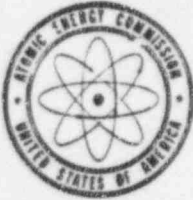
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Distribution - USAEC (4)

WASHINGTON D.C.
U.S. ATOMIC ENERGY COMMISSION

RECEIVED BY 1 25 Y 10 27 1963
RESEARCH DIVISION

W. R. GRACE & CO.



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D.C.

IN REPLY REFER TO:

DLR:KHL
70-496

OCT 14 1963

W. R. Grace and Company
Research Division
Washington Research Center
Clarksville, Maryland

Attention: Mr. T. C. Gibian
President
Research Division

Gentlemen:

Enclosed is Special Nuclear Material License No. SNM-417,
as received.

Very truly yours,

Donald A. Nussebaum, Chief
Source & Special Nuclear Materials
Branch
Division of Licensing & Regulation

Enclosure:
SNM-417, as received

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Form AEC-401
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UNITED STATES
ATOMIC ENERGY COMMISSION

SPECIAL NUCLEAR MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 70, "Special Nuclear Material Regulations," a license is hereby issued authorizing the licensee to receive and possess the special nuclear material designated below; to use such special nuclear material for the purpose(s) and at the place(s) designated below; and to transfer such material to persons authorized to receive it in accordance with the regulations in said Part. This license shall be deemed to contain the conditions specified in Section 70.32(a) of said regulations, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee		3. License No.
1. Name	W. R. Grace and Company	SNM-417, as renewed
2. Address	Research Division Washington Research Center Clarksville, Maryland	4. Expiration Date October 31, 1964
6. Special Nuclear Material	Uranium enriched in the U-235 isotope	5. Docket No. 70-456
8. Authorized use	7. Maximum quantity of special nuclear material which licensee may possess at any one time under this license 250 grams contained U-235	
9. Quantity of special nuclear material allocated to licensee pursuant to Section 70.31(b) of said part -----		

CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.

For the U. S. ATOMIC ENERGY COMMISSION

Date of issuance OCT 14 1963

U. S. GOVERNMENT PRINTING OFFICE : 1959 - O-471648

Donald A. Nussbaumer
Division of Licensing and Regulation

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