

University of Illinois
at Urbana-Champaign

Division of Environmental
Health and Safety

317 McKinley Hospital
1109 South Lincoln Avenue
Urbana
Illinois 61801

217 333-2755

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November 15, 1985
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Bruce S. Mallett, Ph.D., Chief
Materials Licensing Section
United States Nuclear
Regulatory Commission
Region III
799 Roosevelt Road,
Glen Ellyn, Illinois 60137

U.S. NRC
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30-00652

The University of Illinois at Urbana-Champaign (UIUC) wishes to terminate Special Nuclear Materials License SNM-236 (Reference No. 070-00258), and incorporate the Special Nuclear Material listed below into our Type A Broad Material License No. 12-00330-05. The materials to be transferred from SNM-236 to 12-00330-05 are as follow:

- A. Plutonium-239: 240 grams of encapsulated PuBe neutron sources.
- B. Plutonium-239: 3 grams of foils, counters, plated or sealed sources.
- C. Plutonium-238: 0.06 grams of PuBe neutron sources, foils, counters, plated or sealed sources.
- D. Uranium-233: 1 gram of foils, counters, plated or sealed sources.
- E. Uranium-235: 3 grams of uranium hexafluoride powder.
- F. Uranium-235: 20 grams of foils, counters, plated or sealed sources.

Please note the deletion of the 300 grams of $^{235}\text{UF}_6$ which was allowed under SNM-236, Amendment No. 1. The reason for this is that the experiment was not performed, and the UF_6 was never received on campus.

Letters dated March 15, 1985; April 22, 1985; and application dated May 25, 1982 incorporated by reference in SNM-236 should also be referenced in 12-00330-05. The use of the above-referenced materials remains as described in the previously referenced documents.

If you have any further questions or need additional information, please contact Neil Barss at (217)333-6947 or 333-2755.

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Date	NOV 25
Log	NOV 25
By	[Signature]
Orig. To	[Signature]
Action Compl.	NOV 26
cc:	Samuel Kaplan, Ph.D., Chairman, UIUC Radiation Hazards Committee

164 Burrill Hall

Sincerely,

[Signature]

Neil M. Barss for
Hector Mandel, Head
Health Physics Section

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REGION III

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FEE EXEMPT

CONTROL NO. 80179

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