

## MATERIALS LICENSE

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	
1. The University of Texas at Austin	3. License Number SNM-180, Amendment 3
2. Austin, Texas 78758	4. Expiration Date: February 29, 2008
	5. Docket No. 70-157 Reference No.

6. Byproduct Source, and/or  
Special Nuclear Material7. Chemical and/or Physical  
Form8. Maximum amount that Licensee  
May Possess at Any One Time  
Under This LicenseA. Uranium enriched to  
less than 20% in the  
U-235 isotopeA. Uranium dioxide  
in polyethylene

A. [REDACTED]

B. Plutonium

B. Sealed plutonium-  
beryllium neutron  
sources

B. [REDACTED]

C. Uranium enriched to  
less than 20% in the  
U-235 isotopeC. Uranium silicide  
in aluminum  
matrix

C. [REDACTED]

9. Authorized use: For use in accordance with the statements, representations, and conditions specified in the licensee's application dated October 24, 1997, and supplements dated May 3, July 8, November 10, 2004, January 25 and February 10, 2005; and March 27 and August 11, 2006.

Enclosure 1

## NRC FORM 374A U.S. NUCLEAR REGULATORY COMMISSION

MATERIALS LICENSE  
SUPPLEMENTARY SHEETLicense Number  
SNM-180Docket or Reference Number  
70-157

Amendment 3

10. Authorized place of use: The [REDACTED] located at the University's J. J. Pickle Research Campus:  
 A. License Condition 6A material - Used at [REDACTED]  
 B. License Condition 6B material - Used at [REDACTED]  
 C. License Condition 6C material - Authorized for storage in [REDACTED] in approved storage racks
11. Prior to working with or handling licensed nuclear material, all personnel shall receive training or shall be under the supervision of persons who have received training in the formal radiation safety program.
12. The licensee shall review radiation dose data at least annually to ensure that doses are maintained ALARA and shall report the findings of the assessment to the Radiation Safety Committee.
13. The licensee is exempted from the requirements of 10 CFR 70.24 insofar as this section applies to materials in License Condition 6A and B covered by this license.
14. The licensee shall control the quantity of special nuclear material in its possession such that the total quantity in the facility does not exceed a Category III quantity of special nuclear material of low strategic significance as defined in 10 CFR 73.2, "Definitions," and 10 CFR 74.4, "Definitions."
15. The licensee shall comply with the material control and accounting general reporting and recordkeeping requirements contained in 10 CFR 74.11, 10 CFR 74.13, 10 CFR 74.15 and 10 CFR 74.19.
16. The licensee shall comply with the physical protection requirements contained in 10 CFR 73.67 for the protection of special nuclear material of low strategic significance.
17. With respect to the material received from Manhattan College: The shipping containers stored in [REDACTED] will have a tamper safe seal with a unique identification number applied. On a weekly basis, the number of drums, the integrity of the tamper safe seal, and the number on the tamper safe seal will be verified.

NRC FORM 374A U.S. NUCLEAR REGULATORY COMMISSION

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
SNM-180Docket or Reference Number  
70-157

Amendment 3

18. The licensee will comply with the requirements for "Increased Controls for Licensees that Possess Sources Containing Radioactive Material Quantities of Concern" (IC) (accession No. ML053130364) published in the Federal Register (FR) on December 1, 2005 (70 FR 72128) as "Attachment B" to EA-05-090, "Order Imposing Increased Controls," (accession No. ML053130218). The licensee will complete implementation of the IC requirements by the first day that radionuclides specified in Table 1, "Radionuclides of Concern," (accession No. ML053130250) of the IC are possessed at or above the limits specified in the table. For radionuclides transferred from the Texas Department of State Health Services license (L00485), possession for the purposes of this condition is considered to occur at the time the radionuclides are removed from L00485.

FOR THE NUCLEAR REGULATORY COMMISSION

Date: 10/13/2006

By: /RA/  
Gary S. Janosko, Deputy Director  
Fuel Facility Licensing Directorate  
Division of Fuel Cycle Safety  
and Safeguards, NMSS  
Washington, DC 20555