NRC FORM 374 **U.S. NUCLEAR REGULATORY COMMISSION**

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 U.S. Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

1. NUCLEAR ENGINEERING TEACHING LABORATORY Department of Mechanical Engineering The University of Texas at Austin JJ Pickle Research Center	3. License Number SNM-180 Amendment 1
2. 10100 Burnett Rd. Austin, TX 78712	4. Expiration date: November 13, 2019
	5. Docket No. 70-0157 Reference No.

6. Byproduct Material and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount That Licensee May Possess at Any One Time
A. Uranium enriched to less than 20% in the U-235 isotope	A. Uranium Dioxide in polyethylene	A. (Security-Related Information Withheld Under 10 CFR 2.390)
B. Deleted	B. Deleted	B. (Security-Related Information Withheld Under 10 CFR 2.390)
C. Uranium enriched to less than 20% in the U-235 isotope	C. Uranium Silicide in aluminum matrix	C. (Security-Related Information Withheld Under 10 CFR 2.390)

9. Authorized use: For use in accordance with the statements, representations, and conditions specified in the licensee's application dated December 13, 2007, (Application and RAI Responses) and supplements dated January 29, February 20, 2009; April 22, 2019; and August 16, 2019.

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10. Authorized place of use: The Nuclear Engineering Teaching Laboratory (NETL) located at the University's J. J. Pickle Research Campus.

    A. License Condition 6A material - Storage and shipment only.
    B. License Condition 6B material - Transferred to R-129 Part 50 docket.
    C. License Condition 6C material - Storage and shipment only.

11. 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.”

12. 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.

13. 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.

14. With respect to the material received from Manhattan College: The shipping containers stored in Room [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.

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15. Deleted.

16. Upon completion of described preparations, the materials will be returned to secure storage until the scheduled shipment. In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Part 70.38 (c)(1) and (2), the license will continue to be in effect with respect to possession of Special Nuclear Material (SNM). The licensee will 1) limit actions involving special nuclear material decontamination and decommissioning, and 2) continue to control entry to restricted areas until they are suitable for release in accordance with NRC requirements, as well as the stipulations in 10 CFR 70.38(k).

FOR THE NUCLEAR REGULATORY COMMISSION

Date: October 4, 2019

By: ***/RA/***

Jacob I. Zimmerman, Chief
Fuel Facility Licensing Branch
Division of Fuel Cycle Safety, Safeguards, and Environmental Review
Office of Nuclear Material Safety and Safeguards

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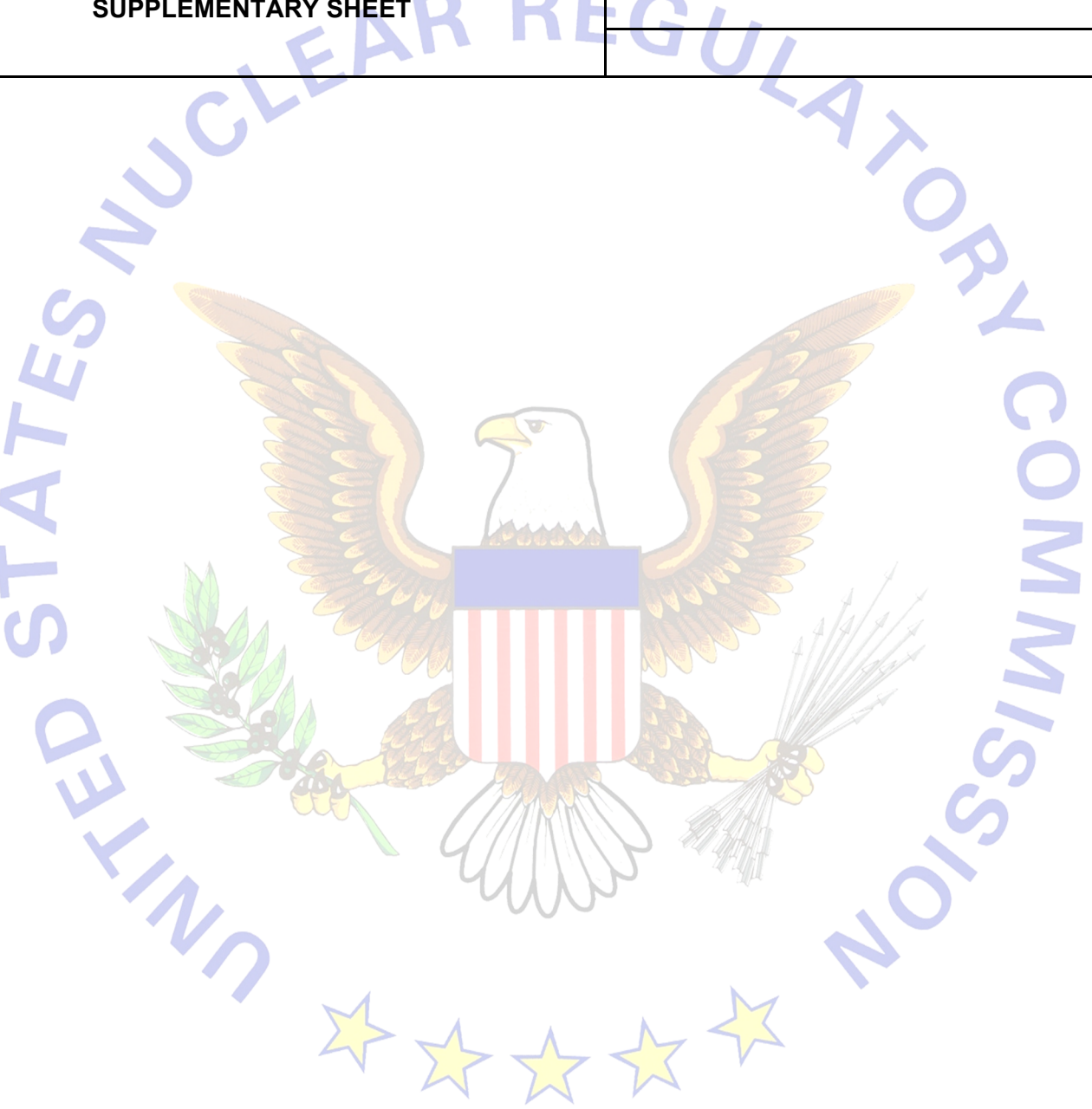

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