

Administrative Services
150 West University Boulevard
Melbourne, FL 32901-6988
(407) 768-8000, ext. 8125

February 12, 1991

Mr. Charles J. Haughney
Uranium Fuel Safety Branch
Division of Industrial and Medical
Nuclear Safety
Office of Nuclear Material Safety
and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

DOCKET NO.: 70-893
LICENSE NO.: SNM-844

Dear Mr. Haughney:

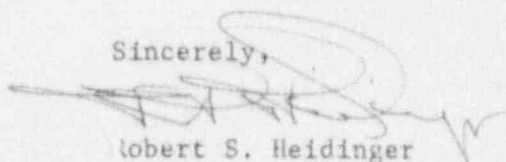
I am confirming today's telephone conversation with Mr. Amar Datta from your staff.

This is to formally request an amendment to our License #: SNM-844 (see attached) from authorized to use the nuclear material to possession only (NO USE AUTHORIZED) until such time as the material is appropriately shipped to an authorized nuclear storage facility, Y-12 in Oak Ridge, Tennessee.

It is my understanding that because we are an educational institution there is no charge for requesting this amendment, and if approved, our obligation to submit appropriate decommissioning financial assurances under 10 CFR 70.23 are temporarily waived.

I continue to expedite the process of removal the nuclear materials. Thank you for your consideration in this matter.

Sincerely,



Robert S. Heidinger
Director
Administrative Services

RSH:bb
Attachment (1)

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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, 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. Florida Institute of Technology | | 3. License number SNM-844, as renewed |
| 2. 150 W. University Boulevard Melbourne, Florida 32901-6988 | | 4. Expiration date May 31, 1992 |
| | | 5. Docket or Reference No. 70-893 |
| 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 enriched in the U-235 isotope to less than 20 percent U-235 | A. Subcritical assembly core | A. 460 grams U-235 |
| B. Plutonium | B. Pu-Be sealed neutron source | B. 15 grams Pu |
| 9. Authorized Use: For use in accordance with the statements, representations, and conditions specified in the licensee's application dated April 2, 1985. | | |
| 10. The authorized place of use is Room B-2 of the Crawford Science Building located on the Melbourne Florida Campus of the Florida Institute of Technology. | | |
| 11. The licensee shall comply with the leak test conditions for the Pu-Be source given in the attached Annex A. | | |
| 12. The licensee is hereby exempt from the requirements of Section 70.24, 10 CFR Part 70, insofar as this Section applies to the material held under this license. | | |
| 13. The licensee shall not store or use any other special nuclear materials in Room B-2 of the Crawford Science Building unless authorized in writing by the U. S. Nuclear Regulatory Commission. | | |
| 14. Written procedures shall be prepared prior to the experimental use of the special nuclear material authorized under this license. The procedures shall describe the experimental methods to be used and the radiation safety precautions to be followed. Procedures shall be approved in writing by Drs. Rong-sheng Jin and Gary N. Wells. Faculty members or students conducting experiments shall be provided with approved procedures prior to the start of any experimental operations and shall acknowledge in writing their receipt and understanding of procedures to be followed. | | |

Handwritten signature and initials

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

SNM-844, as renewed

Docket or Reference number

70-893

15. Radiation protection instrumentation shall be calibrated at least annually and after any electronic component replacement or repair in accordance with the instrument manufacturer's instructions using National Bureau of Standards reference sources. To assure proper instrument operation, daily checks will be made whenever the instruments are in use. Records of instrument calibration shall be maintained for 5 years.
16. The release of facilities or equipment for unrestricted use shall be in accordance with the attached Annex B, "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material," dated May 1987.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date:

April 11, 1987

By:

George H. Bullock

Division of Fuel Cycle, Medical,
Academic, and Commercial Use Safety, NMSS
Washington, DC 20555