

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

19-00296-10

Docket or Reference number

030-01786

Amendment No. 46

Department of Health and Human Services
National Institutes of Health
Bldg. 21, Room 112
Bethesda, Maryland 20205

"OFFICIAL RECORD COPY"

In accordance with letter dated May 3, 1985, License Number 19-00296-10 is amended as follows:

Items 6., 7., 8., and 9. are amended to read:

- | | | |
|---|-------------------------------------|--|
| 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. Any byproduct material with Atomic Nos. 3 through 83, inclusive, except as listed below: | A. Any | A. 1 curie
Total 75 curies |
| B. Hydrogen 3 | B. Any | B. 150 curies |
| C. Carbon 14 | C. Any | C. 2 curies |
| D. Phosphorus 32 | D. Any | D. 2 curies |
| E. Sulfur 35 | E. Any | E. 2 curies |
| F. Chromium 51 | F. Any | F. 2 curies |
| G. Krypton 85 | G. Any | G. 7 curies |
| H. Molybdenum 99 | H. Any | H. 15 curies |
| I. Technetium 99m | I. Any | I. 15 curies |
| J. Iodine 125 | J. Any | J. 2 curies |
| K. Xenon 103 | K. Any | K. 2 curies |
| L. Iridium 192 | L. Any | L. 2 curies |
| M. Polonium 210 | M. Sealed Sources | M. 280 millicuries |
| N. Americium 241 | N. Sealed Sources | N. 250 millicuries |
| O. Americium 241 | O. Any | O. 1 millicurie |
| P. Polonium 210 | P. Any | P. 1 millicurie |
| Q. Cobalt 60 | Q. Sealed Sources | Q. 2 curies |
| R. Cesium 137 | R. Sealed Sources | R. 2 curies |
| S. Uranium (Depleted in Uranium 235) | S. Cadmium plated metal | S. 400 kilograms |
| T. Californium 252 | T. Sealed Source | T. 250 microcuries |
| U. Uranium (Depleted in Uranium 235) | U. Metal encased in aluminum | U. 15 kilograms |
| V. Uranium (Depleted in Uranium 235) | V. Metal encased in stainless steel | V. 100 kilograms |
| W. Thorium 229 | W. Any | W. 1 millicurie |
| X. Radium 224 | X. Any | X. 50 millicuries |
| Y. Iodine 129 | Y. Any | Y. 10 millicuries |

9. Authorized use

A. through Y. Medical research, diagnosis and therapy. Research and development as defined in Section 30.4(g), 10 CFR Part 30.

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(continued)

24. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated March 20, 1978, letters dated March 20, 1978, February 27, 1980; November 7, 1980, June 11, 1981, and March 23, 1982; letter received May 28, 1982; and letters dated August 8, 1984, December 19, 1984 and May 3, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.



For the U.S. Nuclear Regulatory Commission

Original Signed By:

John E. Glenn

By

Nuclear Materials Safety and
Safeguards Branch, Region I
King of Prussia, Pennsylvania 19406

Date

JUN 24 1985