

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

20-20506-01

Docket or Reference number

030-19347

Amendment No. 02

BioTechnica International, Inc.
85 Bolton Street
Cambridge, Massachusetts 02140

In accordance with letter dated February 26, 1985, License Number 20-20506-01 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. Hydrogen 3
- B. Carbon 14
- C. Phosphorus 32
- D. Sulfur 35
- E. Iodine 125

- A. Any
- B. Any
- C. Any
- D. Any
- E. Any

- A. 1 curie
- B. 100 millicuries
- C. 500 millicuries
- D. 500 millicuries
- E. 100 millicuries

9. Authorized use

- A. through E. Biochemical research

Conditions 12. and 14. are amended to read:

12. Licensed material shall be used by, or under the supervision of, Karen A. April, David J. Glass and Andrea Jeffrey.

14. 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 August 26, 1981 and letters dated November 5, 1981, July 20, 1983, October 17, 1983, February 26, 1985 and April 9, 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.

Condition 15. is added.

15. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal in ordinary trash provided:

- A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of ten (10) half-lives.

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(15. cotinued)

CONDITIONS

- B. Prior to disposal as normal waste, radioactive waste shall be monitored to determine that its radioactivity cannot be distinguished from background with typical low-level laboratory survey instruments. All radiation labels will be removed or obliterated.



For the U.S. Nuclear Regulatory Commission

Original Signed By:

Edwin A. Wurtz

By

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

Date MAY 13 1985

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