

MATERIALS LICENSE

Amendment No. 03

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. Isotec, Incorporated

2. 7542 McEwen Road
Centerville, OH 45459-3995In accordance with application dated
November 19, 19843. License number 34-18490-01 is amended in
its entirety to read as follows:

4. Expiration date June 30, 1990

5. Docket or
Reference No. 030-151736. Byproduct, source, and/or
special nuclear material

A. Hydrogen-3

7. Chemical and/or physical
formA. Gas contained in
helium 38. Maximum amount that licensee
may possess at any one time
under this license

A. 1,000 curies

9. Authorized Use

A. Separation of tritium from helium 3.

CONDITIONS10. Licensed material shall be used only at the licensee's facilities located at
3944 Benner Road, Miamisburg, Ohio.11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal
Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and
Part 20, "Standards for Protection Against Radiation."12. Licensed material shall be used by, or under the supervision of, Roger A. Schwind
or Vincent L. Avona.13. The Radiation Protection Officer for the activities authorized by this license is
Roger A. Schwind.8506100283 850517
REQ3 LIC30
34-18490-01 PDR

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number	34-18490-01
Docket or Reference number	030-15173
Amendment No. 03	

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 November 19, 1984. 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

Date May 17, 1985

Original Signed
By Bruce S. Mallett
Materials Licensing Section, Region III
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