

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		3. License number	29-20847-01
1. Ecogen Inc.		4. Expiration date	July 31, 1990
2. P.O. Box 6818 Lawrenceville, New Jersey		5. Docket or Reference No.	030-21260
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. Phosphorus 32	A. Any	A. 50 millicuries	
B. Hydrogen 3	B. Any	B. 25 millicuries	
C. Sulfur 35	C. Any	C. 15 millicuries	
D. Carbon 14	D. Any	D. 6 millicuries	
E. Iodine 125	E. Any	E. 5 millicuries	

9. Authorized use

A. through E. For in vitro research and development as defined in 10 CFR 30.4(q).

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities at 4100 Quakerbridge Road, Lawrenceville, New Jersey.
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. A. Licensed materials listed in Item 6. A. through E. above are authorized for use by or under the supervision of Barry Levinson.
B. Licensed materials listed in Item 6. A. through D. above are authorized for use by, or under the supervision of Bruce Carlton, M. Cynthis Gawron-Burke, Michael VonTersch, Barbara Brown, or Jose Gonzalez.
13. Licensed material shall not be used in or on human beings or in products distributed to the public.

8508290426 850702
REG1 LIC30
29-20847-01 PDR

"OFFICIAL RECORD COPY"

ML10

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. Ecogen Inc.

3. License number 29-20847-01

2. P.O. Box 6818
Lawrenceville, New Jersey

4. Expiration date July 31, 1990

5. Docket or
Reference No. 030-212606. Byproduct, source, and/or
special nuclear material7. Chemical and/or physical
form8. Maximum amount that licensee
may possess at any one time
under this licenseA. Phosphorus 32
B. Hydrogen 3
C. Sulfur 35
D. Carbon 14
E. Iodine 125A. Any
B. Any
C. Any
D. Any
E. AnyA. 50 millicuries
B. 25 millicuries
C. 15 millicuries
D. 6 millicuries
E. 5 millicuries

9. Authorized use

A. through E. For in vitro research and development as defined in 10 CFR 30.4(q).

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities at 4100 Quakerbridge Road, Lawrenceville, New Jersey.
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. A. Licensed materials listed in Item 6. A. through E. above are authorized for use by or under the supervision of Barry Levinson.
- B. Licensed materials listed in Item 6. A. through D. above are authorized for use by, or under the supervision of Bruce Carlton, M. Cynthia Gawron-Burke, Michael VonTersch, Barbara Brown, or Jose Gonzalez.
13. Licensed material shall not be used in or on human beings or in products distributed to the public.

8508290426 850702
REG1 LIC30
29-20847-01 PDR

"OFFICIAL RECORD COPY"

ML10

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

29-20847-01

Docket or Reference number

030-21260

(continued)

CONDITIONS

16. 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 May 8, 1985 and letter dated June 11, 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:
Jack Davis

By

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

Date JUL 02 1985