

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, 36, 39, 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. Genetic Visions, Inc.
Faraday Center
2. 2800 S Fish Hatchery Road
Madison, WI 53711

In accordance with letter dated
July 25, 1996

3. License Number 48-26077-01 is amended in
its entirety to read as follows:

4. Expiration Date April 30, 1995

5. Docket or
Reference No. 030-31368

6. Byproduct, Source, and/or
Special Nuclear Material

- A. Hydrogen-3
- B. Phosphorus-32
- C. Sulphur-35

7. Chemical and/or Physical
Form

- A. Any
- B. Any
- C. Any

8. Maximum Amount that Licensee
May Possess at Any One Time
Under This License

- A. 10 millicuries
- B. 20 millicuries
- C. 15 millicuries

9. A. through C. To be used for in-vitro laboratory research.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 2800 S. Fish Hatchery Road, Madison, Wisconsin.
11. Licensed material shall be used by, or under the supervision of, C. Michael Cowan.
12. The Radiation Safety Officer for the activities authorized by this license is C. Michael Cowan.
13. Licensed material shall not be used in or on human beings or in field applications where activity is released except as provided otherwise by specific condition of this license.
14. The licensee shall maintain records of information important to safe and effective decommissioning at the address specified in Condition 10. per the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.

9609250275 960826
PDR ADOCK 03031368
C PDR

COPY

0/1
230
SD

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
48-26077-01

Docket or Reference Number
030-31368

Amendment No. 03

15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated October 18, 1989; and
 - B. Letters dated March 13, 1990, and July 25, 1996 (excluding reference to Attachment 10, Item 8 and Attachment 11, 1.c).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 8/26/96

By James Mulloney
Nuclear Materials Licensing Branch, Region III

COPY

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

PROGRAM CODE: 03620
STATUS CODE: 2
FEE CATEGORY: 3M
EXP. DATE: 19950430
FEE COMMENTS:
DECOM FIN ASSUR RECDT N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
APPLICANT/LICENSEE: GENETIC VISIONS INCORPORATED
RECEIVED DATE: 960807
DOCKET NO: 3031368
CONTROL NO.: 301690
LICENSE NO.: 48-26077-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED
AMOUNT: 610.00
CHECK NO.: 2229

3. COMMENTS

SIGNED _____
DATE 8/7/96

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED / 1/)

1. FEE CATEGORY AND AMOUNT: 3M \$610
2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:
AMENDMENT ☒
RENEWAL ☐
LICENSE ☐

3. OTHER

SIGNED _____
DATE 8/14/96

RECEIVED

AUG 19 1996

REGION III

Log	Aug 5 III
Remitter	
Check No.	2229
Amount	\$610
Fee Category	3M
Type of Fee	AMD
Date Check Rec'd	8/2/96
Date Completed	8/14/96
By:	SC

1996 AUG 12 PM 10:59

GENETIC VISIONSSM

Genetic Visions, Inc.
The Faraday Center
2800 S. Fish Hatchery Rd.
Madison, WI 53711

July 25, 1996

Mr. James Mullauer
Nuclear Materials Licensing Section
U.S. Nuclear Regulatory Commission, Region III
801 Warrenville Rd.
Lisle, IL 60532-4351

Re: License No. 48-26077-01

Dear Mr. Mullauer;

I would like permission to use any service that is licensed by the NRC/Agreement State to calibrate survey meters. Our current operating license lists a specific service (Attachment 9 item 5c.).

Please make the following amendments to License No. 48-26077-01:

Attachment 8. Training for individuals working in or frequenting restricted areas.
Item 4 a-b. Remove two paragraphs pertaining to Mr. Tom Coyle. He is no longer with the company.

Attachment 10. Radiation safety program:

Personnel dosimeters and bioassays, Item 8. Delete "indigestion" and insert "internal consumption". Also, change Regulatory Guide 8.32 to read Regulatory Guide 8.23.

Radiation surveys, Item 9.a. Change Regulatory Guide 8.32 to read Regulatory Guide 8.23.

Attachment 11. Radioactive Waste, Item 1. c. First sentence change "he" to read "the".

Before our application for renewal is reviewed, please give me a call at 608-274-5340.

Thank you.

Sincerely,



C. Michael Cowan, Ph.D.
RSO, Genetic Visions, Inc.

Amendment Fees attached

RECEIVED
AUG 5 - 1996
REGION III

AUG 05 1996
AUG 19 1996

PM: 7-30-96

301690

AUG 27 1996

C. Michael Cowan, Ph.D.
Radiation Safety Officer
Genetic Visions, Inc.
Faraday Center
2800 S Fish Hatchery Road
Madison, WI 53711

Dear Dr. Cowan:

Enclosed is Amendment No. 03 to your NRC Material License No. 48-26077-01 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please note that in accordance with our telephone conversation on August 20, 1996, License Condition No. 15(B) excludes reference to Attachment 10, Items 8 and 1(c) since these items pertain to your renewal application. You may make said corrections in your response to our request for additional information concerning your renewal application.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC, in writing, within 30 days:
 - a. When the Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or

301690

- b. When the licensee's mailing address changes (no fee is required if the location of byproduct material remains the same).
3. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license when you decide to terminate all activities involving materials authorized under the license.
4. Request and obtain a license amendment before you:
 - a. Change Radiation Safety Officers;
 - b. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
 - c. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
 - d. Change ownership of your organization.
5. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements,

C. Cowan

-3-

prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

Original Signed By
James R. Mullauer, M.H.S.
Health Physicist
Nuclear Materials Licensing Branch

License No.: 48-26077-01
Docket No.: 030-31368

Enclosure: Amendment No. 03

DOCUMENT NAME: M:\03031368.CL6

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	DNMS/RH								
NAME	JRMULLAUER:jaw								
DATE	08/1/96								

OFFICIAL RECORD COPY