

## ACCEPTANCE REVIEW MEMO

**Licensee:** McLaughlin Research Institute for Biomedical Sciences, Inc.

**License No.:** 25-26973-01      **Docket No.:** 030-30962

**Mail Control No.:** 470791

**Type of Action:** Amend      **Date of Requested Action:** 11-23-05

**Reviewer Assigned:**      **Date Assigned to Reviewer:** 12-20-05

**Reviewer(s) Who Performed Review:** Gaines

Response Received	Deficiencies Noted During Acceptance Review
1.	
2.	
3.	
4.	

**Reviewer's Initials:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Branch Chief's and/or SR. HP's Initials:** \_\_\_\_\_

**Date:** \_\_\_\_\_

<input type="checkbox"/> Yes	<input type="checkbox"/> No	Action - decommissioning notification should be issued within 30 days.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Termination request < 90 days from date of expiration
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Action to be expedited
		____ Medical emergency
		____ Licensee in noncompliance (i.e. no RSO, location of use/storage not on license, radioactive material in possession not on license)
		____ National Security
		____ Other ( _____ )

**Branch Chief's and/or Sr. HP's Initials:** \_\_\_\_\_      **Date:** \_\_\_\_\_

SISP Review		
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<b>Non-Publicly Available, Sensitive if <u>any</u> item below is checked</b>
		____ Radionuclides, forms, and quantities
		____ Location of RAM
		____ Building drawings with locations of RAM
		____ Security of RAM (locks, alarms, etc.)
		____ SS&D Catalog information
		____ Specifics of Emergency Plan (routes to and from RAM, response to security events, etc.)
		____ Safeguards Information

**Branch Chief's and/or Sr. HP's Initials:** ADG      **Date:** 12/20/05

ADG

McLaughlin  
Research



Institute  
for  
Biomedical Sciences

**Scientific Advisory  
Committee**

**David Baltimore, Ph.D.**  
President, California  
Institute of Technology

**David Cameron, Ph.D.**  
Professor Emeritus,  
Dept. of Biology  
Montana State University

**Neal G. Copeland, Ph.D.**  
Director, Mammalian  
Genetics Laboratory  
NCI-Frederick Cancer  
Research Facility

**Jeffrey A. Frelinger, Ph.D.**  
Professor, Dept. of  
Microbiology and  
Immunology  
University of North Carolina  
Medical School

**Leroy E. Hood, M.D., Ph.D.**  
President & Director  
Institute for Systems Biology

**Nancy A. Jenkins, Ph.D.**  
Head, Molecular Genetics  
of Development  
Mammalian Genetics  
Laboratory  
NCI-Frederick Cancer  
Research Facility

**James A. Spudich, Ph.D.**  
Douglass M. and  
Nola Leishman  
Professor of  
Cardiovascular Disease  
Department of Biochemistry  
Stanford University

**Irving L. Weissman, M.D.**  
(Chairman)  
Karel and Avice Beekhuis  
Professor of Cancer Biology  
Stanford University School  
of Medicine

**Board of Directors**

**Leslie Oakland Thomas**  
Chairman  
**Nancy O'Brien**  
Vice Chairman  
**William H. Kuhr**  
Secretary  
**Robert E. Nebel**  
Treasurer

**Charles Abernathy**  
**Ardith Aiken**  
**Shannon Anderson**  
**Gary Bjelland**  
**David Cameron, Ph.D.**  
**George A. Carlson, Ph.D.**  
**Bruce Cowgill, M.D.**  
**Nancy Davidson**  
**Jack Harrison**  
**Tu-Hi Hong, M.D.**  
**Bjarne Johnson**  
**Phillip A. Krezowski, M.D.**  
**Richard E. Lauritzen, M.D.**  
**Jann Leppien, Ph.D.**  
**Sally McGregor**  
**Judith McIntyre**  
**Stanley Meyer**  
**Evelyn Rider, M.D.**  
**Bradley Talcott**  
**Irving L. Weissman, M.D.**  
**James Wylder**  
**Aryne Reichert**  
(Honorary Trustee)

23 November 2005

Ms. Jacqueline Cook  
Nuclear Regulatory Commission  
Region IV Office  
Texas Health Resources Tower  
611 Ryan Plaza, Suite 400  
Arlington, TX 76011-8064

Dear Ms. Cook:

We request the amendment of license 25-26973-01 to use the new, less restrictive decay-in-storage provisions covered in the amendment of License Condition 140, Appendix E, NUREG 1556, Volume 20, as described in RIS 2004-17, Rev. 1.

We propose to hold waste (only for isotopes with half-lives less than or equal to 120 days) in storage until its radiation cannot be distinguished from background, instead of the deleted stipulation requiring storage for 10 half-lives.

Thank you for considering our request.

Sincerely,

John A. Mercer, Ph.D.  
Scientist AND RSO

ENC 03 2005

1520 23rd Street South      406 . 452 . 6208 Phone  
Great Falls . Montana 59405      406 . 454 . 6019 Fax

DEC 20 2005

DATE

This is to acknowledge the receipt of your letter/application dated 11-23-05, and to inform you that the initial processing, which includes an administrative review, has been performed.

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

---

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 470791.  
When calling to inquire about this action, please refer to this mail control number.  
You may call me at 817-860-8103.

Sincerely,

*Colleen M. Muzahar*

Licensing Assistant

(FOR LEMS USE)  
-----  
INFORMATION FROM LTS

BETWEEN:  
License Fee Management Branch, ARM  
and  
Regional Licensing Sections

Program Code: 03620  
Status Code: 0  
Fee Category: 3M  
Exp. Date: 20150930  
Fee Comments: 3M IS CORRECT  
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED  
Applicant/Licensee: MCLAUGHLIN RESEARCH INSTITUTE  
Received Date: 20051209  
Docket No.: 3030962  
Control No.: 470791  
License No.: 25-26973-01  
Action Type: Amendment

2. FEE ATTACHED

Amount: \_\_\_\_\_  
Check No.: \_\_\_\_\_

3. COMMENTS

Signed *Calvin J. Mendenhall*  
Date 11/30/05

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / \_\_/)

1. Fee Category and Amount: \_\_\_\_\_
2. Correct Fee Paid. Application may be processed for:  
Amendment \_\_\_\_\_  
Renewal \_\_\_\_\_  
License \_\_\_\_\_
3. OTHER \_\_\_\_\_

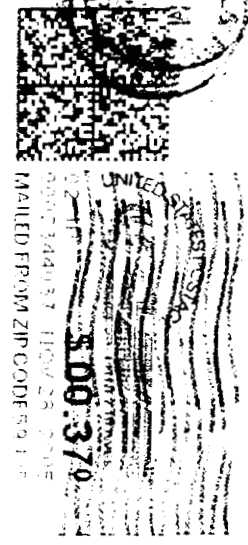
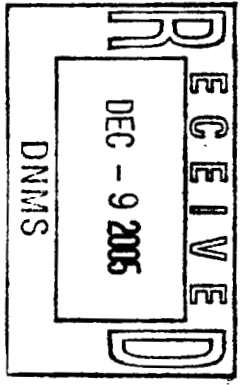
Signed \_\_\_\_\_  
Date \_\_\_\_\_

McLaughlin  
Research



Institute  
for  
Biomedical Sciences

1520 23rd Street South • Great Falls, Montana 59405



Ms. Jacqueline Cook  
NRC Region IV Office  
Texas Health Resources Tower  
611 Ryan Plaza, Suite 400  
Arlington, TX 76011-8064