



DEPARTMENT OF HEALTH & HUMAN SERVICES

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Office of Laboratory Animal Welfare
6700B Rockledge Drive, Suite 2500, MSC 6910
Bethesda, Maryland 20892-6910
Home Page: <http://grants.nih.gov/grants/olaw/olaw.htm>

FOR EXPRESS MAIL:

Office of Laboratory Animal Welfare
6700B Rockledge Drive, Suite 2500
Bethesda, Maryland 20817
Telephone: (301) 496-7163
Facsimile: (301) 480-3387

August 10, 2022

Re: Animal Welfare Assurance
#A3237-01 (OLAW Case 3X)

Ms. Steffani Webb
Vice Chancellor for Administration
University of Kansas Medical Center
(b) (4) Murphy, Mail Stop 2015,
3901 Rainbow Boulevard,
Kansas City, KS 66160

Dear Ms. Webb,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your July 29, 2022 letter reporting a programmatic deviation at the University of Kansas Medical Center. According to the information provided, OLAW understands that on the morning of Saturday, May 14, 2022, and again on Friday, June 3, 2022, your facility experienced lighting issues in several animal rooms housing rodents. It was determined that lights remained on during the dark phase and you have been unable to determine the length of time that the animals in one room were under 24hour lighting. The affected PI has been notified and no adverse effects on animal health and welfare or experimental data have been reported to date. In another area lights sporadically turned on for less than 5 minutes at approximately 1:00AM.

Corrective and preventive measures:

- Software updates were implemented to the lighting system and no disruptions to the dark cycle have been detected.
- Portable units have been purchased that will move between rooms to assure the main system is functioning properly.
- In addition, LAR management will provide monthly updates to the IACUC until these issues have been completely resolved.

OLAW believes that the corrective and preventive measures put in place by the University of Kansas Medical Center are consistent with the provisions of the PHS Policy on Humane Care and Use of Laboratory Animals for self-monitoring and self-correction. We appreciate being informed of this incident and find no cause for further action by this office.

Sincerely,

Brent C. Morse

-S

Brent C. Morse, DVM

Director

Division of Compliance Oversight

Office of Laboratory Animal Welfare

Digitally signed by Brent C.
Morse -S
Date: 2022.08.10 09:12:27
-04'00'

cc: IACUC Contact

McCoy, Devora (NIH/OD) [E]

From: McCoy, Devora (NIH/OD) [E]
Sent: Wednesday, August 10, 2022 1:21 PM
To: swebb@kumc.edu
Cc: OLAW Division of Compliance Oversight (NIH/OD); Nathan Culley; mtaylor2@kumc.edu
Subject: OLAW Case A3237-3X
Attachments: A3237-3X.pdf

Good afternoon Ms. Webb,

Attached please find Dr. Morse's response to OLAW Case A3237-3X. If you have any questions, feel free to contact us by phone or by e-mail.

Best,
Devora

Devora McCoy, BS, MBA
Program Analyst
Division of Compliance Oversight
Office of Laboratory Animal Welfare
National Institutes of Health
301-435-2390

July 29, 2022

Brent Morse, DVM, DACLAM
Director, Division of Compliance Oversight
Office of Laboratory Animal Welfare
Rockledge One, Suite 360
6705 Rockledge Drive -- MSC 7982
Bethesda, MD 20892-7982

Regarding: University of Kansas Medical Center -- Assurance #A3237-01

Programmatic Issue: Vivarium Lighting

Funding Agency: N/A

Dear Dr. Morse:

In accordance with PHS Policy IVF.3b, the University of Kansas Medical Center (KUMC) Institutional Animal Care and Use Committee (IACUC) is reporting a programmatic deviation from the provisions of the *Guide* regarding vivarium lighting.

On the morning of Saturday, 5/14/22, we began receiving widespread alarms that lights were not turning on as programmed. Weekend personnel confirmed that these alarms were false, which was confirmed as an error with our light monitoring contractor due to a disconnect between their server and the cloud. However, during PM checks to confirm lights-off, it was discovered that the lights in one rodent housing room remained on because it's lighting was controlled independently outside the contracted system and its batteries had died. This battery has been replaced, but we have been unable to determine the length of time that the animals in this room were under 24hour lighting. The affected PI has been notified and no adverse effects on animal health and welfare or experimental data have been reported to date. Another environmental monitoring system has been utilized to confirm that this room is now on a proper light schedule.

On Friday, 6/3/22, another PI expressed concerns regarding breeding in the same vivarium. Examination of logged data from the contracted system revealed that lights sporadically turn on for less than 5 minutes at approximately 1:00AM. No alarms were triggered as 5 minutes is the set threshold with the contracted monitoring system. These unintended lighting events have also been confirmed by alternative monitoring equipment

Brent Morse, DVM, DACLAM
July 29, 2022
Page Two

Corrective Action:

In coordination with our environmental monitoring contractor, software updates were implemented on 6/7/22 and no disruptions to the dark cycle have been detected. For back up monitoring of lighting, portable units have been purchased that will move between rooms to assure the main system is functioning properly.

These issues were initially presented at the regularly convened IACUC meeting on Tuesday, 6/21/22. The IACUC determined that the issues were properly identified and corrected and voted unanimously to report the incident as a programmatic issue. In addition, LAR management will provide monthly updates until these issues have been completely resolved. This information is also being provided to the Association for the Accreditation of Laboratory Animal Care (AAALAC).

The IACUC, RABS and LAR will continue to work together to identify and resolve programmatic concerns to fulfill their responsibility for continuing review of KUMC's animal program.

If you have questions or need more information, please feel free to contact me at (b) (6)

Sincerely,

(b) (6)

Steffani Webb
Vice Chancellor for Administration

cc: Nathan Culley, DVM, DACLAM, Chair, IACUC
Travis Hagedorn, DVM, Director, Veterinary Medicine, Attending Veterinarian

McCoy, Devora (NIH/OD) [E]

From: OLAW Division of Compliance Oversight (NIH/OD)
Sent: Friday, July 29, 2022 9:27 AM
To: Nathan Culley
Cc: OLAW Division of Compliance Oversight (NIH/OD)
Subject: RE: Report for the University of Kansas Medical Center A3237-01

Good morning Dr. Culley,

Thank you for sending us this report and we will send an official response soon.

Best,
Devora

Devora McCoy, BS, MBA
Program Analyst
Division of Compliance Oversight
Office of Laboratory Animal Welfare
National Institutes of Health
301-435-2390

From: Nathan Culley <nculley@kumc.edu>
Sent: Friday, July 29, 2022 8:58 AM
To: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>
Subject: [EXTERNAL] Report for the University of Kansas Medical Center A3237-01

Dr. Morse,

Please find attached, one (1) animal welfare compliance report letters from the University of Kansas Medical Center (A3237-01).

Regards,

Nathan C Culley, DVM, DACLAM
IACUC Chair
Executive Director, Regulatory Affairs for Biological Sciences
University of Kansas Medical Center
nculley@kumc.edu

(b) (6)

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