



Inspection Report

LOVELACE RESPIRATORY RESEARCH

Customer ID: **1072**

2425 RIDGECREST SE

Certificate: **85-R-0003**

Site: 001

LOVELACE RESPIRATORY RESEARCH

ALBUQUERQUE, NM 87108

Type: ROUTINE INSPECTION

Date: Apr-15-2009

3.75 (c) (1) (ii)

HOUSING FACILITIES, GENERAL.

<<Surfaces--(1) General requirements. The surfaces of housing facilities--including perches, shelves, swings, boxes, houses, dens, and other furniture-type fixtures or objects within the facility--must be constructed in a manner and made of materials that allow them to be readily cleaned and sanitized, or removed or replaced when worn or soiled. Furniture-type fixtures or objects must be sturdily constructed and must be strong enough to provide for the safe activity and welfare of nonhuman primates....Any surfaces that come in contact with nonhuman primates must: Be free of jagged edges or sharp points that might injure the animals.>>

A restraint device used for nonhuman primates was found to have a sharp point due to a crack in the plexiglass insert that could come in direct contact with an animal's neck when placed in the chair.

Any surfaces that come in contact with nonhuman primates must be free of sharp points that might injure the animals.

To be corrected by 4/16/09.

3.75 (f)

HOUSING FACILITIES, GENERAL.

<<Drainage and waste disposal... Housing facilities must be equipped with disposal facilities and drainage systems that are constructed and operated so that animal wastes and water are rapidly eliminated and the animals stay dry. Disposal and drainage systems must minimize vermin and pest infestation, insects, odors, and disease hazards. All drains must be properly constructed, installed, and maintained... Standing puddles of water in animal areas must be mopped up or drained so that the animals remain dry.>>

Three rooms in the facility that house nonhuman primates do not drain properly and the waste water from cleaning the cages and the room pools in the corridor outside of the rooms. This pooling of water and and waste material poses a risk for odor and disease.

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Date:

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(b)(6), (b)(7)(c)

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Housing facilities for nonhuman primates must be constructed, installed, and maintained such that water is rapidly eliminated and to minimize odors and disease hazards.

To be corrected by 4/30/09.

Accompanied on inspection by the IACUC Chair, the Animal Resources Director, the Compliance Monitor, the Animal Resources Husbandry Supervisor, the IACUC Coordinator, the Director of South Operations, the Associate Research Scientist, and the Clinical Veterinarian/Associate Scientist.

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Date: Aug-26-2008

No noncompliances were identified during this inspection.

Inspection was performed on August 26-27, 2008 as a follow-up to noncompliances previously identified during the May 28-29, 2008 inspection.

Accompanied on inspection by a USDA, APHIS, Animal Care Supervisory Animal Care Specialist, the Attending Veterinarian, the Husbandry Services Manager, and the IACUC Chair.

Prepared By:

TRACY A THOMPSON, D.V.M. USDA, APHIS, Animal Care

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Sep-02-2008

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2425 RIDGECREST SE

Type: ROUTINE INSPECTION

ALBUQUERQUE, NM 87108

Date: May-29-2008

3.75 (a)

HOUSING FACILITIES, GENERAL.

<<Structure: construction. Housing facilities for nonhuman primates must be designed and constructed so that they are structurally sound for the species of nonhuman primates housed in them. They must be kept in good repair, and they must protect the animals from injury, contain the animals securely, and restrict other animals from entering.>>

On March 27, 2008, a female Cynomologus monkey was found dead with her head caught between the wall and the perch of her enclosure. On May 11, 2008, an infant Cynomologus was noted to be outside of its primary enclosure by security personnel. A hole in the enclosure mesh had allowed the animal to escape from its enclosure but the animal was in a secondary containment area so could be safely captured and returned to a secure enclosure.

Housing facilities for nonhuman primates must be designed, constructed, and kept in good repair so they protect the animals from injury and contain the animals securely.

To be corrected immediately.

Inspection was performed on May 28-29, 2008 to follow-up on noncompliances cited on the previous April 16, 2008 inspection. Accompanied by the Staff Veterinarian, Director App. Life Sci./Senior Scientist, Associate Animal Resources Director, IACUC Chair, and IACUC Administrator.

Exit interview performed on site on May 29, 2008 with the Institutional Official, IACUC Chair, IACUC Administrator, Associate Animal Resources Director, Director App. Life Sci./Senior Scientist, Director of Facilities, Director of Quality, Director South Operations, and Assistant Director to PMI.

Exit interview performed by telephone with the Animal Resources Director on June 12, 2008.

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Date:

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Jun-10-2008

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Jun-12-2008



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LOVELACE RESPIRATORY RESEARCH

ALBUQUERQUE, NM 87108

Type: ROUTINE INSPECTION

Date: Apr-16-2008

2.31 (c) (3) REPEAT

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

<<2.31 (c)(3) Repeat NCI--IACUC Functions. With respect to activities involving animals, the IACUC, as an agent of the research facility, shall: Prepare reports of its evaluations conducted as required by paragraphs (c)(1) and (2) of this section, and submit the reports to the Institutional Official of the research facility; ...If program or facility deficiencies are noted, the reports must contain a reasonable and specific plan and schedule with dates for correcting each deficiency. Any failure to adhere to the plan and schedule that results in a significant deficiency remaining uncorrected shall be reported in writing within 15 business days by the IACUC, through the Institutional Official, to APHIS and any Federal agency funding that activity;>>

The IACUC report prepared on March 14, 2008 for the semiannual facility evaluation done in October 2007 did not contain a specific plan or dates for correcting deficiencies identified by the IACUC members performing the evaluation.

This is a repeat noncompliance previously cited during the inspection performed on April 10, 2007 and which had a correction date of April 18, 2007.

2.31 (d) (1) (ii) REPEAT

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

<<2.31 (d)(1)...the IACUC shall determine that the proposed activities or significant changes in ongoing activities meet the following requirements:

Repeat NCI--(ii)The principal investigator has considered alternatives to procedures that may cause more than momentary or slight pain or distress to the animals, and has provided a written narrative description of the methods and sources, e. g., the Animal Welfare Information Center, used to determine that alternatives were not available;>>

A change to an approved animal use activity (06-096) was submitted to the IACUC without any consideration by the principal investigator for alternatives for a procedure (intracardiac venipuncture) that could cause more than

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momentary pain or distress.

This is a repeat noncompliance previously cited during the inspections performed April 13, 2006, April 7, 2005, and May 12, 2003 and which had a correction date of May 12, 2003.

2.31 (d) (1) (viii) **DIRECT NCI**
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

<<Direct NCI--(viii) Personnel conducting procedures on the species being maintained or studied will be appropriately qualified and trained in those procedures;>>

An incorrect anesthetic regimen was used by a technician for restraint of a rabbit which resulted in an injury to this technician. The technician was unaware that the written drug regimen was incorrect for this species.

The facility is maintaining a pool of technical personnel from which the principal investigators receive assistance in animal activities. All personnel in this pool are listed on proposed animal activities submitted to the IACUC for approval regardless of their qualifications and personnel have been assigned to do work for which they are not adequately trained nor have experience to perform. Evidence of this was found during review of committee minutes and in discussion with committee members.

The IACUC shall determine that all personnel will be appropriately qualified and trained in procedures being conducted on the species maintained or studied. No personnel should handle any animal or engage in any procedures for which they are not appropriately qualified.

To be corrected by immediately.

2.32 (a) **DIRECT NCI**
PERSONNEL QUALIFICATIONS.

<<Direct NCI--It shall be the responsibility of the research facility to ensure that all scientists, research technicians, animal technicians, and other personnel involved in animal care, treatment, and use are qualified to perform their duties. This responsibility shall be fulfilled in part through the provision of training and instruction to those personnel.>>

An incorrect anesthetic regimen was used by a technician for restraint of a rabbit which resulted in an injury to this technician. The technician was not aware that the dosages were incorrect on the instructions for the regimen for this species.

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The facility is maintaining a pool of technical personnel from which the principal investigators receive assistance in animal activities. All personnel in this pool are listed on proposed animal activities submitted to the IACUC for approval regardless of their qualifications and personnel have been assigned to do work for which they are not adequately trained nor have experience to perform. Evidence of this was found during review of committee minutes and in discussion with committee members.

The facility shall ensure that all personnel involved in animal care and use are qualified to perform their duties, including provision of training and instruction to personnel as needed. No personnel should handle any animal or engage in any procedures for which they are not appropriately qualified.

To be corrected by immediately.

2.33 (b) (5) **DIRECT NCI**
ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

<<(b)(5) Direct NCI-- Adequate pre-procedural and post-procedural care in accordance with current established veterinary medical and nursing procedures.>>

Several nonhuman primates were discovered by the Husbandry Services Manager to be recovering from anesthesia, in recumbency, but with food and water in their primary enclosures and no personnel in observance. The personnel who were supposed to be observing these animals had not followed veterinary instruction to remain in observance of the animals until they were fully recovered from anesthesia and prior to providing food and water. These animals were at risk for aspirating food material while they were semiconscious.

Adequate pre- and post-procedural care shall be provided as part of the facility's program of adequate veterinary care.

To be corrected immediately.

Accompanied on inspection, performed April 16, 2008, by the Staff Veterinarian, Husbandry Services Manager, Associate Animal Resources Director, IACUC Chair, and IACUC Administrator.

Exit interview conducted on April 17, 2008 with the Institutional Official, Husbandry Services Manager, Associate Animal Resources Director, IACUC Chair, IACUC Administrator, two Principal Investigators, Director of South Operations, and two Supervisors.

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2.33 (b) (4) DIRECT NCI

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

<<Each research facility shall establish and maintain programs of adequate veterinary care that include:
(b)(4) Direct NCI--Guidance to principal investigators and other personnel involved in the care and use of animals regarding handling, immobilization, anesthesia, analgesia, tranquilization, and euthanasia;>>

An incorrect anesthetic regimen, which was not reviewed or approved by a veterinarian nor approved by the IACUC, was used for restraint of rabbits during intracardiac venipuncture (Protocol 06-096). The use of this unapproved regimen did not produce adequate anesthetic levels to facilitate the procedure, resulting in repeated anesthetic injections to at least one animal and injury to the technician due to inadequate restraint.

The facility shall establish and maintain programs of adequate veterinary care that include guidance to all personnel involved in the care and use of animals regarding handling, immobilization, anesthesia, analgesia, tranquilization, and euthanasia.

To be corrected immediately.

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2.31 (c) (3)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

<< Prepare reports of its evaluations conducted as required by paragraphs (c)(1) and (2) of this section, and submit the reports to the Institutional Official of the research facility; Provided, however, That the IACUC may determine the best means of conducting evaluations of the research facility's programs and facilities; and Provided, further, That no Committee member wishing to participate in any evaluation conducted under this subpart may be excluded. The IACUC may use subcommittees composed of at least two Committee members and may invite ad hoc consultants to assist in conducting the evaluations, however, the IACUC remains responsible for the evaluations and reports as required by the Act and regulations. The reports shall be reviewed and signed by a majority of the IACUC members and must include any minority views. The reports shall be updated at least once every six months upon completion of the required semiannual evaluations and shall be maintained by the research facility and made available to APHIS and to officials of funding Federal agencies for inspection and copying upon request....>>

The facility has not had a report of its IACUC semiannual facility and program review signed by a majority of members and submitted to the IO since July 19, 2006 (review occurred 11-12/05). Two IACUC semiannual reviews have been conducted (4/06 and 11/06) since then but the reports have not been reviewed and signed by a majority of members.

IACUC shall update the reports of its semiannual evaluations at least once every six months upon completion of the evaluation.

To be corrected by 4/18/07.

2.33 (b) (2)

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

<<Each research facility shall establish and maintain programs of adequate veterinary care that include: The use of appropriate methods to prevent, control, diagnose, and treat diseases and injuries...>>

During the inspection, several expired drugs were found in the clinic storage cabinet and refrigerator (Cetacaine 3/07, Benadryl 3/07, Dexamethasone 3/07, Acepromazine 2/07). Use of expired medical materials is not considered to be

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adequate veterinary care due to the unexpected results of using such materials and the possibility of not adequately treating the condition or causing harm to the animal being treated.

The facility shall establish and maintain programs of adequate veterinary care including the monitoring of expired medical materials.

Expired drugs were immediately disposed of. The facility does have a program for monitoring for expired medical materials but will review the program to see if changes or retraining of personnel need to occur.

Accompanied on inspection Animal Resources Director, Assistant Director of Animal Resource Facilities, Husbandry Services Manager.

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