



## Inspection Report

LOVELACE RESPIRATORY RESEARCH INSTITUTE

Customer ID: 1072

Certificate: 85-R-0003

Site: 001

LOVELACE RESPIRATORY RESEARCH INSTITUTE

2425 RIDGECREST SE

Type: ROUTINE INSPECTION

ALBUQUERQUE, NM 87108

Date: Mar-24-2010

### 2.31

### REPEAT

#### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

<<Prepare reports of its evaluations conducted as required by paragraphs (c)(1) and (2) of this section...The reports must contain a description of the nature and extent of the research facility's adherence to this subchapter, must identify specifically any departures from the provisions of title 9, chapter 1, subchapter A--Animal Welfare, and must state the reasons for each departure. The reports must distinguish significant deficiencies from minor deficiencies. A significant deficiency is one which, with reference to Subchapter A, and, in the judgment of the IACUC and the Institutional Official, is or may be a threat to the health or safety of the animals. 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;was performed>>

The IACUC's report of its evaluation of the animal care and use program and facilities conducted 7/09-12/09 did not distinguish significant from minor deficiencies and did not contain a reasonable and specific plan and schedule with dates for correcting each deficiency. Of six deficiencies reported, three should have been listed as significant because they threatened the health and safety of the animals affected.

On 10/21/09, a nonhuman primate, which had been anesthetized earlier in the day for a research activity, accidentally received a second anesthetic injection by a technician who misread the animal's identification. The error was noted once the animal was removed from its enclosure, the animal was allowed to recover from the anesthesia, and no further activities were conducted.

On 11/3/09, a dog died during a research activity due to inadequate oxygen flow through the anesthesia machine. Resuscitation efforts were performed under the guidance of a veterinarian once the animal's hypoxia was noted by a technician but these were unsuccessful. The anesthesia machine had been modified for the research activity to be performed but it was not tested to determine if it could properly support an animal under anesthesia and for this activity. Another dog had previously been used in this same activity and had also become hypoxic but was successfully resuscitated. No investigation of the machine was made after the first dog was noted to have a problem and neither the IACUC nor the

#### Prepared By:

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

Date:

Title: VETERINARY MEDICAL OFFICER Inspector 5044

Mar-30-2010

#### Received By:

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

Date:

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Attending Veterinarian were noted until the second dog died.

An unapproved procedure, exsanguination under anesthesia, was performed on a dog under the IACUC approved protocol FY09-078. It was reported to the IACUC after the procedure was completed and an amendment to the protocol was submitted to the IACUC for review and approval.

These three incidents are significant deficiencies in the research facility's animal care and use program.

This is a repeat noncompliance previously cited during the inspections performed on 4/16/08 and 4/10/07 and which had a correction date of 4/18/07.

Accompanied on the inspection, performed on 3/23-24/10, by the Staff Veterinarian, the ABSL3 Manager, the Animal Resource Supervisor for Primates and Facilities, the IACUC Coordinator, and the Director of Quality, Compliance, and Assurance.

Exit interview performed on 3/24/10 with the Institutional Official, the Responsible Official, the Alternate Responsible Official, the ABSL3 Director, the ABSL3 Manager, the Director of South Operations, the IACUC Chair, the IACUC Coordinator, the Director of Quality, Compliance, and Assurance, the Animal Resource Supervisor for Primates and Facilities, the Director of Facilities, and four Veterinary Services staff.

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