



Inspection Report

1) Animal activity proposal 2006-0052 was amended to increase the number of animals used from 864 to 2050 with no rationale for the increase in numbers. The proposal provides a rationale for the use of 864 animals.

2) Animal activity proposal 2000-0086 requests numbers for cats and horses that exceed the rationale for the number of animals given in the proposal.

Animal proposals and significant changes (amendments) must contain a rationale for the number of animals to be used for the IACUC to conduct an adequate review and to comply with the Animal Welfare regulations.

Correct by July 1, 2009.

2.31 (e) (3)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Section 2.31(e)(3) IACUC: A proposal to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, must contain a complete description of the proposed use of the animals.

1) Animal activity proposal 2004-0053 lists four hormones to be given to the animals in section 13.10, but does not include a description of their use in the five sets of experiments described in section 5.

2) Animal activity proposal 2006-0052 includes conflicting descriptions for the use of the analgesic in section 13.7.3.1, section 13.8 and section 13.10. The surgeons listed in the proposal are not current. A surgical procedure to remove an organ is described in section 13.7.3.1 but is not included in the 13 sets of experiments described in section 5.

Animal proposals must include a complete and accurate description of the proposed use for the IACUC to conduct an adequate review to ensure pain and distress is minimized and to comply with the Animal Welfare regulations.

Correct by July 1, 2009.

3.31 (a) (1)

SANITATION.

Section 3.31(a)(1) Cleaning and sanitation of primary enclosures: Primary enclosures shall be cleaned and sanitized often enough to prevent accumulation of excreta or debris.

Three hamsters on animal activity proposal 2006-0052 were individually housed in dirty enclosures with almost no bedding. During the inspection the hamsters were moved to clean enclosures with bedding to provide for their comfort and well-being.

Corrected during the inspection.

Note: This inspection was conducted on April 20, 2009 to April 22, 2009.

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Inspection Report

CORNELL UNIVERSITY

Customer ID: 528

VET COLLEGE
CARE

Certificate: 21-R-0119

Site: 001

G25

Type: ROUTINE INSPECTION

ITHACA, NY 14853

Date: Apr-02-2008

2.31 (c) (3)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Section 2.31(c)(3) IACUC: The IACUC 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. The reports shall be updated at least once every six months upon completion of the required semiannual evaluations.

The IACUC failed to submit the report of its evaluations at least once every six months to the Institutional Official. There were 12 months between the IACUC report submitted on March 7, 2007 for the period of July through December 2006 and the IACUC report submitted on March 25, 2008 for the period of January through June of 2007. The IACUC needs to submit the reports to the Institutional Official on its evaluations in a timely manner to keep the institutional Official informed and must update the reports at least every six months to comply with the Animal Welfare Act regulations.

Correct from this day forward.

2.31 (e)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Section 2.31(e) IACUC: A proposal to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, must contain the following:

- (3) A complete description of the proposed use of the animals;
- (4) A description of procedures designed to assure that discomfort and pain to animals will be limited to that which is unavoidable for the conduct of scientifically valuable research, including provision for the use of analgesic, anesthetic, and tranquilizing drugs where indicated and appropriate to minimize discomfort and pain to animals.
- (5) A description of any euthanasia method to be used.

A review of procedures in dog records 625795 and 623814 for proposal 2003-0071 did not correspond with the information described in section 13.7 of the proposal. These animals were euthanized for tissue collection and this was not described in the proposal.

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3.6 (b) (4)

PRIMARY ENCLOSURES.

Section 3.6(b)(4) Resting surfaces: Each primary enclosure housing cats must contain a resting surface or surfaces that, in the aggregate, are large enough to hold all the occupants of the primary enclosure at the same time comfortably. The resting surfaces must be elevated, impervious to moisture, and be able to be easily cleaned and sanitized, or easily replaced when soiled or worn. Low resting surfaces that do not allow the space under them to be comfortably occupied by the animal will be counted as part of the floor space.

There were three cats housed individually in enclosures with no elevated resting surface at Baker State Isolation Building. Cats need to be provided with elevated resting surfaces to provide for their well-being and to comply with the Animal Welfare Act standards. Elevated resting surfaces were added to the cat enclosures during this inspection. Corrected during the inspection.

Note: This inspection was conducted on March 31, 2008 to April 2, 2008.

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2.31 (e) (2) REPEAT

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Section 2.31(e)(2) IACUC: A proposal to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, must contain a rationale for the numbers of animals to be used.

Animal activity proposal 2003-0071 was cited on the previous inspection report for not providing a justification for why the number of animals was appropriate. The principal investigator then added the statement that we are limited by resources to the particular numbers of animals specified in the proposal. This statement is not a rationale for the proposed number of animals to ensure minimum numbers of animals are used to achieve the scientific objectives of the study.

2.31 (e)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Section 2.31(e) IACUC: A proposal to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, must contain the following:

- (3) A complete description of the proposed use of the animals;
- (4) A description of procedures designed to assure that discomfort and pain to animals will be limited to that which is unavoidable for the conduct of scientifically valuable research, including provision for the use of analgesic, anesthetic, and tranquilizing drugs where indicated and appropriate to minimize discomfort and pain to animals.

The following animal activity proposals are inaccurate and/or incomplete.

(1) Proposal 2003-0071 does not include a description of the embryo transfer procedure.

(2) Proposal 2006-0108 describes using Isoflurane as the anesthetic drug, however, animal records document the use of Xylazine and Ketamine. Also blood collection is included in the animal records, but is not described in the

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Provided, further, That a mechanism of direct and frequent communication is required so that timely and accurate information on problems of animal health, behavior, and well-being is conveyed to the attending veterinarian.

Two dairy cows were noted to have pressure sores on the lateral sides of their hind legs that are not documented in the animal records and are not under treatment. Cow #432 in the R barn had two sores on her right hock and cow #365 in the P barn had a sore on her left hip, two sores on her left hock and two sores on her right hock. Cow #401 in the R barn had one large hairless pink area on her right hock that was not noted. In a November 10, 2006 letter to the Eastern Regional Director, the facility stated that pressure sores are treated as they occur to minimize the consequences of hock lesions. The animals with lesions must be identified and brought to the attention of attending veterinarian to receive the appropriate care to maintain their health.

Correct during the inspection.

2.36 (b)

ANNUAL REPORT.

Section 2.36(b) Annual report: The annual report shall:

(5) State the common names and the numbers of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. Routine procedures (e.g., injections, tattooing, blood sampling) should be reported with this group;

(6) State the common names and the numbers of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used;

(7) State the common names and the numbers of animals upon which teaching, experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used shall be attached to the annual report;

(8) State the common names and the numbers of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.

The facility's annual report is based on the responses submitted from the investigators for each of their proposals at the end of the reporting year. The facility does not compare the numbers reported to animal data kept by the facility or numbers and pain categories specified in the animal proposals. Animals used on multiple proposals during the year could be counted more than once. Dog A2B24 had 5 proposals listed in its records, but no dates of when the transfers were made to be able to determine the number of proposals conducted during the 2006 reporting year. In proposal 2003-0071 which included surgical procedures, the dogs and cats were listed as category C animals, when they should have been listed as category D. The 82 naked mole rats were listed both as category B and category C animals on the 2006 annual report instead of under just one category. In proposal 2004-0046 the investigator specified that the goats were used for agricultural research, but the goats had been used in vaccine research for non-

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farm animals which is covered by the Animal Welfare Act. The accuracy of the numbers on the 2006 annual report could not be verified during this inspection. The facility is in the process of implementing a new program for tracking the animals used in research. The annual reports from research facilities must be accurate to comply with the Animal Welfare regulations and for data based on annual reports to be a valid assessment of animal use in research. Correct for annual report due December 1, 2007.

3.6 (a) (2) (i)

PRIMARY ENCLOSURES.

Section 3.6(a)(2)(i) General requirements: Primary enclosures must be constructed and maintained so that they have no sharp points or edges that could injure the dogs.

In the O barn the last enclosure on the right side has a metal vent on the wall of the enclosure with a chewed corner leaving sharp edges that may injure the dogs. The two dogs in the enclosure were moved to another enclosure during the inspection.

Corrected during the inspection.

3.131 (a)

SANITATION.

Section 3.131(a) Cleaning of enclosures: Excreta shall be removed from the primary enclosures as often as necessary to prevent contamination of the animals contained therein and to minimize disease hazards and to reduce odors.

The paddock outside the R barn housing 53 dairy cows has a deep accumulation of wet manure with puddles of liquid on the concrete surface. Only the drain is visible, the concrete can not be seen under the piles of excreta. Standing and walking through manure can cause foot problems and many of the cows were stained with excreta. This paddock was last cleaned in November of 2006. The paddock was cleaned during the inspection.

Corrected during the inspection.

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