



Inspection Report

UNIVERSITY OF CENTRAL FLORIDA

Customer ID: **875**

Certificate: **58-R-0016**

OFFICE OF RESEARCH &
12201 RESEARCH PARKWAY, SUITE 501

Site: 001

UNIVERSITY OF CENTRAL FLORIDA

Type: ROUTINE INSPECTION

Date: Mar-11-2010

ORLANDO, FL 32826

All applicable non compliances were compliant on this inspection.

Prepared By:

ROBERT BRANDES, D V M USDA, APHIS, Animal Care

Date:

Title: VETERINARY MEDICAL OFFICER Inspector 2002

Mar-11-2010

Received By:

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

Date:

Title:

Mar-11-2010



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2.31 (d) (1)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

In order to approve proposed activities or proposed significant changes in ongoing activities, the IACUC shall conduct a review of those components of the activities related to the care and use of animals and determine that the proposed activities are in accordance with this subchapter unless acceptable justification for a departure is presented in writing.

Marine mammals that are isolated or separated for nonmedical purposes must be held in facilities that meet minimum space requirements as outlined in Sec. 3.104.

A research facility may be granted a variance from specified requirements of this subpart when such variance is necessary for research purposes and is fully explained in the experimental design. Any time limitation stated in this section shall not be applicable in such case.

Protocol # 08-36W studies the metabolic rate & thermoneutral (as well as other parameters) on manatees. This protocol was approved using a designated review process which consists of 2 IACUC members. The project has both a short term metabolic rate component lasting 3 hrs, & a long term metabolic rate component which last for 3-4 days. During these times a manatee is put into an isolation pool which does not meet space & ventilation requirements as outlined under sections 3.102 (b) & 3.104 (c).

The short term component's pool used to house the manatees does not have the required minimum horizontal dimension (MHD), volume of water, depth, or vertical air space for this species of marine mammal. The long term component's pool of water does not have the required MHD & depth requirements.

Section 3.110 (veterinary care for marine mammals) states that marine mammals that are isolated or separated for non medical purposes must be held in facilities that meet the space requirements as outlined in standard 3.104.

This project is non medical. The protocol does not give any written justification for housing the manatees in non compliant pools, and the IACUC has not considered these non compliances when they initially deliberated & approved this protocol.

Prepared By:

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These isolation pools will be covered with a plastic dome during the time the animals are inside. The protocol indicates that there is only 30 cm of air space available in these pools. During the time when the animals are inside there is a recirculation of air during the measurement processes. The protocol does not adequately describe at what point where the CO2 measurement levels (or other metabolic bi-products) become unacceptable & detrimental for the health and well being of the animals. This would need further details & clarification.

The IACUC may not approve a project that does not meet compliance with any regulation or standard unless it receives a written justification from the project investigator.

If & when the IACUC approves a departure for any standard concerning a marine mammal for research purposes, a variance must then be requested and submitted to APHIS for approval as outlined in section 3.100 (g)-Special considerations regarding compliance & variance.

It is recognized that, even though the IACUC approved this protocol, no manatees were used as of this date. Before any manatees are used, the protocol shall be resubmitted with a written justification for allowing the non compliances, as well as further description of the monitoring process for full IACUC review. These issues should not be decided by any expedited or subcommittee process, and should be presented to the full IACUC for discussion. If the IACUC then approves the protocol for scientific reasons, a variance must be submitted to APHIS for an additional approval. The departures from compliance with the regulations & standards for research activities shall be reported on your annual report.

No research can be performed until the IACUC re-evaluates the project, approves it, and then submits it to APHIS for additional approval.

Correct by May 31, 2009

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2.31 (e) (3)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (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.

Protocol # 05-20W involves the trapping of muskrats, fox squirrels, weasels, and other unregulated species on an off-site ranch. The protocol, as written, does not adequately describe the trapping/capture procedure. It does not provide for any details on how long the traps are set out for, the frequency of checking the traps to see if animals are inside, the maximum amount of time that an animal may be in the trap before being released back into the wild, & provisions for food & water (if applicable & based upon the period of time that they are confined in the traps).

The protocol does indicate that shade cloth will be used, but does not provide any details for protection during inclement weather (rain), if applicable. Shade cloth will not adequately protect an animal that is confined to a small area from rain. The protocol also does not provide for any security measures to protect the trapped animals from potential predators, and the public, that may be on the property during any times when the researchers are not actually present at the ranch area.

This project has ended. All future protocols shall adequately describe the procedures and proposed use of the regulated mammals.

No correction necessary at this time. Ensure that all future protocols contain a completion description of the proposed use of the animals.

Prepared By:

ROBERT BRANDES, D V M USDA, APHIS, Animal Care

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Apr-15-2008

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