



## Inspection Report

University Of Central Arkansas  
Dept. Of Biology, 180 Lewis Science Center  
Conway, AR 72035

Customer ID: **20222**

Certificate: **71-R-0112**

Site: 001

UNIVERSITY OF CENTRAL ARKANSAS

Type: ROUTINE INSPECTION

Date: 30-JUL-2018

### 2.31(d)(1)(x)

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

As approved in protocol 17-003, the investigator performs a major operative survival procedure followed by a major operative terminal procedure on armadillos. The armadillos are frequently acquired from a different facility with an implanted ibutton device intra-abdominally. The protocol contains measures for an additional procedure to retrieve the ibutton if the previous investigator needs them returned before surgical procedures can be scheduled. The protocol is not clear in its description of ibutton retrieval but upon questioning, it became clear that the retrieval process must enter the abdominal cavity. Procedures that enter the abdominal cavity are major operative procedures. Under this protocol, three armadillos, DN92 on 7/11/18 and DN91 and DN94 on 7/12/18, underwent two major operative procedures from which they were allowed to recover before undergoing a 3rd terminal operation. No animal shall be used in more than one major operative procedure from which it is allowed to recover unless justified in writing for scientific reasons, required for routine or emergent veterinary care, or approved by the APHIS administrator. If protocols are unclear, the IACUC shall take measures to clarify as needed, to determine if proposed activities use animals in more than one survival procedure without written justification or administrator approval. Correct from this day forward.

### 2.31(d)(5)

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

In review of the IACUC meeting minutes and reports over the last year, there has been no annual review of current and continuing protocols. The IACUC inspects the facility and reviews the care of the animals but does not review the protocols nor associated procedure records in order to identify any deviations. For example, Protocol 17-003 states that armadillos will be euthanized during a terminal surgery with an overdose of barbiturate. However, two armadillos, DN87 on 3/30/18 and DN85 on 3/31/18, were euthanized at the completion of the procedure by administering an overdose of the anesthetic drug Propofol. Propofol overdose is not a method of euthanasia that has been approved by the IACUC for this protocol. Without continued oversight and review of activities involving animals by the IACUC, the welfare of research animals may be jeopardized as a result of unidentified deviations and unmonitored activities. The IACUC shall conduct continuing reviews of all activities in covered species at least

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## Inspection Report

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annually. Correct from this day forward.

This inspection was conducted with the principal investigator and the exit interview was conducted with the institutional research compliance officer.

### Additional Inspectors

Boone Bonnie, Veterinary Medical Officer

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## Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
20222	71-R-0112	001	UNIVERSITY OF CENTRAL ARKANSAS	30-JUL-18

Count	Scientific Name	Common Name
000001	<i>Dasypus novemcinctus</i>	NINE-BANDED ARMADILLO
<b>000001</b>	<b>Total</b>	