



APR 11 2003

United States
Department of
Agriculture

Marketing and
Regulatory
Programs

Animal and
Plant Health
Inspection
Service

4700 River Road
Riverdale, MD 20737

Ms. Jean Barnes
Post Office Box 1623
Fayetteville, Georgia 30214

Dear Ms. Barnes:

Thank you for your e-mail of March 20, 2003, to Secretary Veneman concerning animal escapes at the Yerkes Primate Facility at Emory University.

Our Animal Care program enforces regulations of the Animal Welfare Act (AWA). The AWA requires minimum standards of care and treatment be provided for certain animals used in research, bred for commercial sale, transported commercially, or exhibited to the public. Operators of regulated facilities must provide their animals with proper sanitation, nutrition, water, veterinary care, protection from extreme weather and temperatures, and clean and structurally sound housing, among other things. Housing facilities must also contain the animals securely.

To ensure that the AWA standards are maintained, our Animal Care inspectors perform random, unannounced inspections of regulated research facilities. Our inspectors assess animal health and thoroughly observe and document all areas of care and treatment covered by the AWA. Our inspectors also review records and research protocols to ensure the facility is in full compliance with AWA requirements. We conducted an inspection of the Yerkes Primate Facility on March 18, 2003, and have enclosed a copy of the inspection report as you requested.

Although primate facilities are not required by AWA regulations to report animal escapes to our Agency, in practice many facilities do report escape incidents to inspectors. A facility is required to manage such escapes by determining the cause of the problem and instituting procedures to prevent its recurrence. At the conclusion of our recent inspection of the three research facilities at Emory, Yerkes officials informed our inspectors of several escapes that had occurred during February 2003. Following that disclosure, our inspectors evaluated Yerkes' plan for animal escapes and found their plan to be adequate. On March 26, 2003, Yerkes informed our inspector that there had been another escape. Please note that no animals escaped from the Yerkes property during any of these incidents and that all of the animals were returned safely to their cages.




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Ms. Jean Barnes
Page 2

In response to the most recent escape, an Animal Care inspector conducted a further evaluation at Yerkes on April 3, 2003, to examine all of the enclosures that primates have escaped from since the beginning of this year. The inspector determined that necessary repairs to enclosures had been made and found no new noncompliant issues. The inspector also reviewed employee training procedures and how complaints and concerns have been reported and handled by the Institutional Animal Care and Use Committee (IACUC). The IACUC is an oversight body required by AWA regulations to oversee the use and treatment of animals at each research facility.

Thank you for informing us of your concerns.

Sincerely,


Fu Chester A. Gipson
Deputy Administrator
Animal Care

Enclosure



INSPECTION REPORT

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EMORY UNIVERSITY

Customer ID: 896

Certificate: 57-R-0003

**WHITEHEAD BIOMEDICAL RESEARCH BLDG
615 MICHAEL STREET SUITE G02
ATLANTA, GA 30322**

Site: 001

EMORY UNIV. - DIV. OF ANIMAL

Inspection

Type: ROUTINE INSPECTION

Date: MAR-17-2003

2.31 (c)(3)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

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

***IACUC semi-annual inspection reports do not include specific plans for corrections or correction dates. Correct by: 01 May 03

2.33 (b)(1)

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include:

(1) The availability of appropriate facilities, personnel, equipment, and services to comply with the provisions of this subchapter.

***Multiple expired drug products in Woodruff Building procedure room (heparin, ketamine, and suture material) and Room B022 (atropine). Expired products may not produce desired effects. Those items must be discarded or clearly labeled as "expired" and stored in an area separate from other animal pharmaceutical products. Correct by: 21 March 03.

***At the Peavine facility, 1 large pig has overgrown lateral claws on both forelimbs and is in need of a foot trim. Swine with overgrown feet may develop difficulty ambulating on the coated-wire mesh flooring present in the swine primary enclosures. Correct by: 05 April 03.

Prepared By:

AMY BARTHOLOMEW, D. V. M., USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER, Inspector ID: 1051

Date:

MAR-20-2003

Received By:

DR. ROBERT RICH

Title: EXECUTIVE ASSOCIATE DEAN--EMORY SCHOOL OF

Date:

MAR-20-2003



3.75

HOUSING FACILITIES, GENERAL.

(a) 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

***Multiple rooms in Rollins building have excess condensation along the ceilings and walls due to malfunctioning HVAC system. This is particularly evident in rooms G04 (cagewash) and G32. The moisture has resulted in damage to the ceiling of room G32, which has a large area of peeling paint. This problem prevents cleaning and sanitation in accordance with acceptable husbandry standards. Correct by: 20 June 2003

Reviewed:

- 1.) Individual Animal Health Records (macaques #11068, 3674, CH3D, 3933, 2496)
- 2.) Record of Animals on Hand (dogs and cats)
- 3.) Environmental Enrichment Program for Non-Human Primates
- 4.) IACUC Semi-Annual Inspections
- 5.) IACUC Roster
- 6.) Protocols: 057-2002 (1), 007-2003, 145-2002

Inspection of Department of Animal Resources: Rollins, Whitehead, Peavine, Eye Center, and Crawford-Long areas 17 and 20 March, 2003

ANIMAL INVENTORY: 14 GUINEA PIGS, 18 RABBITS, 33 MACAQUES, 17 SQUIRREL MONKEYS, 4 CAPUCHINS, 21 ADULT DOGS, 37 ADULT CATS, 23 SWINE, 6 SHEEP.

Prepared By:

AMY BARTHOLOMEW, D. V. M., USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER, Inspector ID: 1051

Date:

MAR-20-2003

Received By:

DR. ROBERT RICH

Title: EXECUTIVE ASSOCIATE DEAN-EMORY SCHOOL OF

Date:

MAR-20-2003



INSPECTION REPORT

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EMORY UNIVERSITY

Customer ID: 896

Certificate: 57-R-0003

**WHITEHEAD BIOMEDICAL RESEARCH BLDG
615 MICHAEL STREET SUITE G02
ATLANTA, GA 30322**

Site: 002

YERKES REG. PRIMATE

Inspection

Type: ROUTINE INSPECTION

Date: MAR-18-2003

2.31 (c) (3)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

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

***IACUC semi-annual inspection reports do not include specific plans for corrections or correction dates. Correct by: 01 May 03

3.75 (a)

3.75 (f)

HOUSING FACILITIES, GENERAL.

(a) 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

***Animal door in S3 has a broken hinge on one side. The hinge must be repaired to prevent animal injury. Correct by: 28 March 03.

***Metal feed pan hanging on outside of primary enclosure inside S6 is secured with excessively long bolts and wing nuts. The bolts are located such that they interfere with animals reaching into the pan. Additionally, wing nuts can be removed by non-human primates allowing the bolts to be removed. This design may result in animal injury. Correct by: 05 April 03.

***Several enclosures have exposed sharp objects that may injure animals. In G8, M5, S3, A1, A2, A3 and C2, there are sharp points exposed along the upper edge of the chain link material on the interior aspect of the primary enclosures. G8, M5, and BC2 have wire mesh panels attached to the primary enclosures. These panels are secured with wire which, in some areas, has become frayed or bent to expose sharp edges. Correct by: 05 April 03.

Prepared By:

AMY BARTHOLOMEW, D. V. M., USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER, Inspector ID: 1051

Date:

MAR-20-2003

Received By:

DR. ROBERT RICH

Title: EXECUTIVE ASSOCIATE DEAN--EMORY SCHOOL OF

Date:

MAR-20-2003



INSPECTION REPORT

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***Multiple animal enclosures have chipping/peeling paint on the interior aspect including: S3 (primary enclosure, inside), G1 (back walls, inside), M5 (floors along outdoor aspect of animal doors), T3 (mild ceiling paint peeling). Correct by: 01 June 03.

***There are metal posts protruding from concrete footers along the walls in outdoor portion of A3. These may result in animal or employee injury. Correct by: 01 June 03.

(f) 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.

***The outdoor portion of T2 (rear corner, close to road) has inadequate drainage. There is excess standing water in this area. Drainage must be maintained in animal areas. Correct by: 01 June 03.

Reviewed:

- 1.) Individual Animal Health and Acquisition Records (macaques #Ryu10, Roc7, Rbt7, Di6, Ov6, Po6, Nw1, RMs5)
- 2.) Environmental Enrichment Program and Activity Logs for Non-Human Primates
- 3.) Standard Operating Procedures (4.5, 4.6, 4.9, 4.10)
- 4.) Animal Care Technician Training Manual
- 5.) IACUC Semi-Annual Inspections
- 6.) IACUC Roster

Inspection of Yerkes Field Station 18 and 20 March, 2003

ANIMAL INVENTORY: 1527 RHESUS MACAQUES, 277 PIG-TAILED MACAQUES, 214 SOOTY MANGABEYS, 58 CHIMPANZEES.

Prepared By:

AMY BARTHOLOMEW, D. V. M., USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER, Inspector ID: 1051

Date:

MAR-20-2003

Received By:

DR. ROBERT RICH

Title: EXECUTIVE ASSOCIATE DEAN-EMORY SCHOOL OF

Date:

MAR-20-2003



INSPECTION REPORT

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EMORY UNIVERSITY

Customer ID: 896
Certificate: 57-R-0003

**WHITEHEAD BIOMEDICAL RESEARCH BLDG
615 MICHAEL STREET SUITE G02
ATLANTA, GA 30322**

Site: 004
EMORY UNIVERSITY

**Inspection
Type:** ROUTINE INSPECTION
Date: MAR-19-2003

2.31 (c) (3)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

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

***IACUC semi-annual inspection reports do not include specific plans for corrections or correction dates. Correct by: 01 May 03

3.80

PRIMARY ENCLOSURES.

- (2) Primary enclosures must be constructed and maintained so that they:
 - (i) Have no sharp points or edges that could injure the nonhuman primates

***The chain link material directly above the swing in CF run 10 is in disrepair with a piece of wire protruding into the animal enclosure. This area must be repaired to prevent animal injury. Correct by: 28 March 03.

3.84 (c)

CLEANING, SANITIZATION, HOUSEKEEPING, AND PEST CONTROL.

(c) Housekeeping for premises. Premises where housing facilities are located, including buildings and surrounding grounds, must be kept clean and in good repair in order to protect the nonhuman primates from injury, to facilitate the husbandry practices required in this subpart, and to reduce or eliminate breeding and living areas for rodents, pests, and vermin.

***The floor of QIF Room 4 (testing area) is dirty and in need of cleaning. There are multiple pieces of old candy and roaches on the floor underneath the primate testing area. Waste must be cleaned to facilitate pest control. Correct by: 21 March 03.

***There are fragments of a broken light bulb on the floor of IDB Room 107 (testing area). The glass must be removed to prevent animal or employee injury. Correct by: 21 March 03.

Prepared By:

AMY BARTHOLOMEW, D. V. M., USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER, Inspector ID: 1051

Date:
MAR-20-2003

Received By:

DR. ROBERT RICH

Title: EXECUTIVE ASSOCIATE DEAN-EMORY SCHOOL OF

Date:
MAR-20-2003



INSPECTION REPORT

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Reviewed:

- 1.) Individual Animal Health Records (macaques #CG6K, Rit6, Rsw6, Rks4, RZo7, Rwc6, Rep5; capuchin #CA9066, baboon #B827)
- 2.) Acquisition Records: room 272
- 3.) Special Enrichment Needs Log
- 4.) IACUC Roster
- 5.) IACUC Semi-Annual Inspections
- 6.) Protocols: 010-2001, 125-2000, 200-200, 049-2001

Inspection of Yerkes Main Station 19-20 March, 2003.

ANIMAL INVENTORY: 91 CHIMPANZEES, 29 CAPUCHINS, 62 SQUIRREL MONKEYS, 44 MANGABEYS, 1 STUMP-TAIL MACAQUE, 18 CYNOMOLGUS MONKEYS, 976 RHESUS MACAQUES, 44 PIG-TAILED MACAQUES, 23 BABOONS.

Prepared By:

AMY BARTHOLOMEW, D. V. M., USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER, Inspector ID: 1051

Date:

MAR-20-2003

Received By:

DR. ROBERT RICH

Title: EXECUTIVE ASSOCIATE DEAN--EMORY SCHOOL OF

Date:

MAR-20-2003



INSPECTION REPORT

EMORY UNIVERSITY

Customer ID: 896

Certificate: 57-R-0003

**WHITEHEAD BIOMEDICAL RESEARCH BLDG
615 MICHAEL STREET SUITE G02
ATLANTA, GA 30322**

Site: 002

YERKES REG. PRIMATE

Inspection

Type: ROUTINE INSPECTION

Date: APR-03-2003

Focused inspection of A-Compound performed at Yerkes Field Station 03-Apr-03.

No non-compliant items identified on inspection today.

Reviewed:

- 1.) Facility maintenance records
- 2.) Facilities inspection protocol and records
- 3.) Work Orders for A-Compound
- 4.) Correspondence with IACUC Chair
- 5.) SOP 4.10

Prepared By:

AMY BARTHOLOMEW, D. V. M. , USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER , Inspector ID: 1051

Date:

APR-03-2003

Received By:

HAROLD MCCLURE

Title: COPY SENT VIA E-MAIL

Date:

APR-06-2003