UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 21-R-0192

CUSTOMER NUMBER:

1791

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Brookhaven Science Associates Llc **Brookhaven National Laboratory** Bldg. 490 P.O. Box 5000 Upton, NY 11973

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations Welfare Regulations  B. Number of animals being bred, conditioned, or held for use in leaching, lessling, experiments, or least were conducted involving accompanying pain or distress to the animals and for which experiments, or least were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.  F. Number of animals upon which teaching, experiments, surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.  F. Number of animals upon which teaching, experiments, surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate animals and the reast surface of appropriate anesthetic, analgesic, or tranquilizing drugs were used.  F. Number of animals upon which teaching, experiments, 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 were or interpretation of the teaching, research, surgery or tests. (An explanation of the procedures for interpretation of the teaching, research, surgery or tests. (An explanation of the procedures for interpretation of the teaching, research, surgery or tests.)  F. OTAL NUMBER OF ANIMALS  (COLUMNS C + D + E)  TOTAL NUMBER OF ANIMALS  (COLUMNS C + D + E)  TOTAL NUMBER of animals upon which teaching, experiments, surgery or tests were conducted involving accompanying pain or distress to the animals upon which teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals of the use of appropriate anesthetic, analgesic, or tranquilizing drugs were used.  F. Number of animals upon which teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals upon which teaching, research, surger	REPORT OF ANIMALS	USED BY OR UNDER (	CONTROL OF RESEAR	CH FACILITY ( Attach additiona	Il sheets if necessarv or use APHIS Form 7023A)	
5. Cats 5. GLinea Pigs 7. Hamsters 9. Rabbits 1. A. Non-human Primates 1. Pigs 2. Other Farm Animals 3. Other Animals	A.  Animals Covered By The Animal	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast	TOTAL NUMBER OF ANIMALS ( COLUMNS
6. Guinea Pigs 7. Hamsters 9. Rabbits 1. Augustian Scheep 1. Pigs 2. Other Farm Animals 3. Other Animals	4. Dogs					
7. Hamsters 8. Rabbits 9. Non-human Primates 9. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals	5. Cats					
Rabbits  Non-human Primates  D. Sheep  1. Pigs  2. Other Farm Animals  3. Other Animals	6. Guinea Pigs					
D. Non-human Primates  D. Sheep  1. Pigs  2. Other Farm Animals  3. Other Animals	7. Hamsters					
D. Sheep  1. Pigs 2. Other Farm Animals 3. Other Animals	8. Rabbits	4				
1. Pigs 2. Other Farm Animals 3. Other Animals	9. Non-human Primates			iã		12
2. Other Farm Animals  3. Other Animals	0. Sheep					
3. Other Animals	1. Pigs					
	2. Other Farm Animals					
ASSUBANCE STATEMENTS	3. Other Animals					
ASSUBANCE STATEMENTS						
ASSUBANCE STATEMENTS						
	ACCUPANCE CTATES					

( AUG

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquillzing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

		CERTIFICATION BY ( Chief Executive C	HEADQUARTERS RESEARCH FACILITY OFFICIAL  Officer or Legally Responsible Institutional Official)	
SIGNATU			NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
APHIS FOI	b6, b7c	8), which is obs	b6, b7c	9/18/08