Food or fluid restriction If food, or fluid, or both food and fluid, will be restricted, describe method for assessing the health and wellbeing of the animals.

If you

are seeking a departure from the recommendations of the provide a scientific justification.

Pharmaceutical-grade and Non-pharmaceutical-grade Compounds Identify any drugs, biologics, or reagents that will be administered to animals. If these agents are not human or veterinary pharmaceutical-grade substances, provide a scientific justification for their use and describe methods that will be used to ensure appropriate preparation and administration.

Other procedures

Resultant effects, if any, that the animals are expected to experience

Other potential stressors

and procedures to

monitor and minimize distress. If a study is USDA Classification E, describe any non-pharmaceutical methods that will be used to minimize pain and distress.

Experimental endpoint criteria

must be specified when the administration of tumor cells, biologics, infectious agents, radiation or toxic chemicals are expected to cause significant symptomatology or are potentially lethal. List the criteria that will be used to determine when euthanasia is to be performed. Death as an endpoint must be scientifically justified.

Euthanasia protocol Indicate what method will you use to dispatch an animal, list primary and secondary methods.

Disposal of animal tissue and specimens Indicate the procedure for disposing of carcasses and animal tissue. Coordinate with the Biology Lab Manager, Teresa Wasiluk (Teresa.wasiluk@wilkes.edu) for proper containers and procedures.

Veterinary care Indicate the plan of action in case of animal illness

Surgical procedures

If surgery is proposed, complete the following and include in Narrative Description:

- Identify and describe the surgical procedure(s) to be performed. Include preoperative procedures , and monitoring and supportive care during surgery. Include the aseptic methods to be used.
- 2. Identify the individual(s) that will perform surgery and their qualifications, training, and/or experience.
- 3. Identify the location where surgery will be performed.
- 4. If survival surgery, describe postoperative care that will be provided and frequency of observation. Identify the responsible individual(s) and location(s) where care will be provided.

 Include detection and management of postoperative complications during work hours, after hours, weekends and holidays.
- 5. If non-survival surgery, describe how euthanasia will be provided and how death will be determined.
- 6. Are paralytic agents used during surgery? If yes, please describe how ventilation will be maintained and how pain will be assessed.
- 7. Has major or minor survival surgery been performed on any animal prior to being placed on this study? [Major survival surgery penetrates and exposes a body cavity or produces substantial impairmen

Name of investigator: Animal study proposal title: Species and number of animals listed in Classification E for each year: Species: Number of animals: year 1 year 2 year 3 -Total: Description of project including reason(s) for species selection: CLASS E ANI MALS: Provide a scientific justification to explain why the use of anesthetics, analgesics, sedatives or tranquilizers during and/or following painful or distressing procedures is Consideration of Alternative techniques or methods: Method of Euthansia: Satiricants 0880G frime esticatator:

Attachment 1 - Explanation for USDA Classification E