



**Addendum to the FY2022 APHIS Form 7023 Submission for North Carolina State University USDA Registration #55-R-0005 /842**

**IACUC Approved Exceptions to Standards Report for the Reporting Period of October 1, 2021 through September 30, 2022**

**Species:** Pig      **Number Affected:** 7

**Exception to Standards:** Farrowing housing used does not meet space requirements in the animal welfare act. The use of a farrowing pen for teaching and research purposes is used to replicate the industry practice in raising piglets until weaning. It allows the piglet's free access to the sow's teats for nursing, and helps prevent mortality of the piglets due to crushing by the sow. The PI is approved to extend the farrowing period up to 6 weeks in total to nurse piglets to the maximum physiological lactation length for a research study to look at immunization passed from the mother to the piglets through their milk.

**Standard:** 9CFR Ch.1. Pt.2, Subpt. F. Sec. 3.128 - Enclosures shall be constructed and maintained so as to provide sufficient space to allow each animal to make normal postural and social adjustments with adequate freedom of movement. Inadequate space may be indicated by evidence of malnutrition, poor condition, debility, stress, or abnormal behavior patterns.