## USDA

## Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Annual Reports and explanations should NOT include information such as names (principal investigators and research staff), addresses, protocols, meeting notes (either in part or in full), the animals room numbers, grant information, veterinary care programs, and the like. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

14-R-0082

1. Ließlen ene	_	14-14-00	902
2. Number	114	of animals	s used in this study.
3. Species (co	ommon name)	rabbits	used in this study.
procedure, bu	t also explain w	hat the anir	and/or distress. Explanations should include a brief description of the imals experience, examples of which may include, but are not limited to: aralysis, lethargy, inappetence, respiratory signs, GI distress, vomiting, and
Rabbits were between 12-18	orally inoculate 8 hours post-ind	d with Vibrio	o cholera subsequently developing diarrhea, dehydration, and electrolyte loss
5. Attach or in- used. (For Fed	clude an explar derally mandate	nation with the	the reason(s) for why anesthetics, analgesics and tranquillizers could not be see Item 6 below).

Use of antibiotics to cure the infection would confound the experiment, which seeks to measure the virulence of the *V. cholerae* strains being tested. In addition, the administration of rehydration fluids could adversely affect the host-pathogen interactions taking place within the intestinal tract as the effect of the rehydration fluid on the physiology and gene expression of *V. cholerae* in the small intestine is unknown.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g. APHIS, 9 CFR 113:102):
If the requirement is per a guidance document, such as an Agency notice or harmonization guideline, please provide specific sufficient information to identify the cited document.

N/A

1 Registration Number

NOV 2 2 202