Summary of Category E procedures, 10/1/10 to 9/30/11

1. Registration Number: 14-R-0019

2. Number of animals used in this study = 4

3. Species (common name): Rhesus macaques

4. Explain the procedure producing pain and/or distress:

Spontaneous withdrawal from chronic treatment with [b](4) characteristically is resolved approximately 1 week after cessation of treatment, and this time interval is required for scientific validation that dependence is evident. During this time interval, the animals may experience unrelieved distress.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results.

The demonstration of spontaneous withdrawal is a key criterion for demonstrating that the animals are dependent upon the benzodiazepine-type compound.

Spontaneous withdrawal from [b](4) characteristically is resolved approximately 1 week after cessation of treatment, and this time interval is required for scientific validation that dependence is evident. During this time interval, the animals may experience unrelieved distress.

A withdrawal syndrome can be elicited by administering saline instead of [b](4) The demonstration of [b](4) is a key criterion for demonstrating that the animals are however, this demonstration usually only needs to occur once per animal.