

**To:** John McCann, ENCR  
**From:** David Brenner, Neptune and Company, Inc.

**Date:** 5-17-06

**Subject:** Phone Conversation between David Brenner, Neptune and Company and Ken Uher, DX on 5-17-06

**RE:** Operations at Bullet Test Facility

Buildings and operations associated with the bullet test facility at TA-14:

Q30: firearms storage – all firearms used to fire projectiles were stored here.

Q34: control room and reloading room – this structure was the control room and also housed a room used to load projectiles (i.e. add propellant to a case and affix projectile) according to the requirements of the test being conducted.

Q39: target tube – targets were typically placed on a table within the tube. The tube was used to contain the debris from the explosive force of the projectile hitting a target – typically metal and/or explosives.

Q40: radiography/photography – this building, adjacent to the target tube (Q39) was used for the flash radiography and high speed photography equipment used to record tests.

Q43: gas gun building – constructed to house a gas gun, but project terminated before gas gun was installed. Subsequently housed equipment (band saw, drill press, machining tools) used to construct non-HE components required for tests. Also used for storage of non-HE materials.

Operational description:

There was a gun stand on a pad just outside Q34 where all weapons were set up and oriented to the southeast towards the target tube (Q39). During the 70s, small handguns were fired from within Q34 towards targets in Q39, but any weapon larger than handguns was always fired from the pad outside the building. After the late 70s, all tests were conducted from the pad outside Q34.

Sand was placed inside the target tube so that personnel could walk on a flat surface. A table was typically set up in the tube, upon which targets were placed.

Targets were typically explosives or explosive devices. Depleted uranium was used as both a projectile and as a target. Projectile weapons ranged from a .22 calibre pellet gun to a 30 mm smooth bore gun.

