

the cause of the lockup was. The gun was not damaged. Measurements of headspace, chamber diameter and free bore showed no abnormalities. A description of the severity of the lockup by the person who opened the bolt in Ilion will be obtained.

About 3,600,000 rounds of ammunition were loaded with the powder lot (Lot #106) in question. The Chairman directed that any ammunition identified with this powder lot must be held up, even though it appears not to be dangerous in its pressure level. 83

Du Pont Powder Sales (L. W. Warner) speculated that Valleyfield, the producer of the powder, might have inadvertently placed about a dozen 150-lb. containers of 4198 powder in the "rest area" with the 7514 powder awaiting blending. They ran a screen test but did not find the mix-up in performing the test. The ballistics tests on the powder lot were normal.

The powder was made in May 1979, and first used in loading in August 1979. No other customer besides Remington received any of this lot. None of the Remington ballistics control tests on ammunition loaded with this powder lot conducted at the time the ammunition was manufactured produced results out of specification.

The following assignments were made:

1. Production (F. T. Millener) will determine the extreme in pressure excursion which might be expected from tests that have been made.
2. Production will check all suspect ammunition in the warehouse for pressure.