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REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington



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Bridgeport, Connecticut
March 15, 1972

TO: E. Larson

FROM: L.L. Presnell *L.P.*

270 Win.-130PSP: Recalled Product
Inspection Report

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This report contains a summary of the results of the work done in assessing the potential scope of this problem, plus recommendations for the disposition of the returned product.

A summary of the results of the pull-down and inspection of the powder in samples of the returned product is attached.

The powder problem was found only in Code LU031D where mixed powder was found in 1340 of the 3179 rounds returned and inspected. There were 579 rounds returned on specific gun damage complaints.

The powder from the rounds with mixed powder was separated and the percentage of the wrong powder (IMR4198) was determined. This analysis shows that 65% of the rounds with mixed powder contain more than 70% of IMR4198. This is the percentage of 4198 at which the pressure apparently becomes high enough to seriously affect gun functioning and shell extraction.

Considering only the returned rounds which were not involved in a known complaint it was found that:

- A. Mixed powder was found in the returns from Alabama, Colorado, Mississippi and Tennessee.
- B. The rounds returned from Texas and New Mexico contained no mixed powder.
- C. There was a total of 2600 rounds returned from these sources. Of these 1015, or 39% contained mixed powder. About 67% of these rounds contained more than 70% of IMR4198 powder.
- D. This limited sample indicates that $.39 \times .67 = .26$ or 26% of the rounds of Code LU031D which are in the field have the potential of being the cause of damaged gun complaints.

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