

REMINGTON ARMS COMPANY, INC.
 INTER-DEPARTMENTAL CORRESPONDENCE

Lonoke, Arkansas
 December 7, 1972



cc L.L. Farnell
 R. Partray
 T. SHARP ✓

TO: E. SPARRE - E. HOOTON, JR.
 SUBJECT: CENTER FIRE DUPLEX POWDER CHARGING

In the meeting this morning the problems of center fire duplex powder charging were discussed with the responsible parties from all sections of the Plant. The discussion involved three basic areas:

- a) What have we done up to the present to improve our loading equipment to assure us of more reliability in the powder feed and detect systems.
- b) What are we doing right now and what will we accomplish in the immediate future to attain the same objective as stated above.
- c) What are the longer range improvements that appear desirable.

The following improvements have been instituted:

② Powder hoppers: Level detector systems were relocated and repaired in mid-'71. Indicator lights were installed on the second floor powder stacks and on the loading machines to warn of low powder. Completed by the third quarter of 1971.

A verbal communication system was installed between the first and second floors early in 1972.

Electric eyes were installed on all machines with an automatic shut-off for no powder. These are checked once per day by the toolsetter.

Air vibrators have been installed on the powder charger in order to prevent powder bridging in the funnel. Four machines completed early in 1972.

{ Machine speeds were reduced late in '71 and throughout '72 to the lower range of the process record.

A new procedure for handling machine rejects was instituted in February, 1972.

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