

To: T. C. Douglas
From: F. G. Lopata *F. Lopata*

April 30, 1992

SUBJECT: APRIL PROGRESS REPORT

R&D LABORATORY:

Construction for the R&D laboratory is continuing. The outbuilding floors have been poured. The steam line has been relocated and connected in. The blocks are being laid for the blast wall. The casework drawings were corrected and finalized.

Explosives handling ovens have been ordered. A one pound mixer has been located and is being examined for modification by maintenance to fit our requirements. Discussions with various laboratory equipment suppliers at PITCON are continuing. The particle size analyzer has arrived and training in its use has started. This piece of equipment was requested early because of its use to do research with current production once we learn it.

CETR is preparing a quotation to build/supply safety testing equipment for the lab (Electrostatic Discharge). Sourcing information for a Friction and an Impact tester is being examined. There are some export complications with at least one of these items. This is being discussed with TDO in Nashville.

LEAD-FREE PRIMING MIX - CETR

Phase I literature search and written report are still expected soon. Phase II work will be formalized after we review the report of Phase I.

PLANT SUPPORT

Participated in the investigations of one explosives related incident. Time is still being given to the "B" house explosion team for the rebuilding process.

Tetracene and lead dioxide are waiting to be shipped to CETR pending clarification of contract language to New Mexico Tech's satisfaction. An approved shipping container has been received from CETR. (This study relates to a priming mix for the steel shot loads for the Remington farms--Lee Sroka's project).

Assisted in formulating an updated version of plant policy for pregnant employees.