

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

*Remington*  
OUTPORT

*PETERS*  
OUTPORT

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" \_\_\_\_\_

November 29, 1988

CONFIDENTIAL

TO: W. H. Coleman II

FROM: J. A. Harter *JAH*

PROJECTS AND FACILITIES ENGINEERING REPORT - NOVEMBER

I. SAFETY

- o On Job - No recordable injuries
- o Off Job - No recordable injuries
- o Site - 100% Participation
- o Two Process Hazards Review audited:
  - #11 - Cyanide Deplate Operation 48-1N
  - #15 - Powder Metal Sintering Furnaces - Using flammable atmosphere

II. PERSONNEL

- o Lairi Williams attended a seminar on managing multiple priorities in Utica.
- o Phil Greenfield attended a Waste II Seminar in Wilmington.
- o Jim Harter attended a Project Engineering Resource Sharing meeting in Niagara Falls.

III. ENGINEERING

o PROJECTS - G. E. FLETCHER

To date we have authorized \$2,532.8M in capital projects in less than \$250M category. We have a balance of \$53.2M to use in our 1988 budget year which ends on November 30.

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Our new management as yet has not defined their capital budget process to us. However, our present "wish list" should be boiled down to a level that can be handled by our present engineering staff so that we will be ready to submit a reasonable proposal when we are requested to do so.

MISCELLANEOUS

I have the R&D monthly expense reports set up on my PC.

o FACILITIES - E. M. DOUGLASS

- The turnstile cardreader system for the new employee entrance has not yet been received from the vendor. Installation by mid-December is now anticipated.
- Construction of the new rag storage facility has been completed. This replaces the one damaged by fire this past summer.
- A purchase order has been issued for revisions to the vacant lot located at the corner of Catherine Street and E. Main Street. All concrete and blacktop surfaces will be removed along with an abandoned sign post.
- Preparations for installation of the two used GFM machines purchased from U.S. Repeating Arms Company are in progress. Building 72-1 is currently being cleared to allow relocation of the lathes from Bldg. 66. Installation of foundations for the GFM's is scheduled to start in December.
- Co-Generation: Recent communications with Indeck indicate that they anticipate reaching a long-term power sales agreement in the next few weeks. Once an agreement has been reached Indeck can move forward with contract negotiations with Remington and facility design.
- Renovation of Bldg 46-2 Conference Room is in progress. Completion of this work is expected in early December.
- Quotations have been requested to replace the windows in Bldg 49-3 and 48-3. These are two areas which still have the original old steel sash windows.
- There were two area moves during the month and twelve misc. machine moves.
- New construction during the month included an office and conference room in Bldg 50-3 and cribs in Bldgs 50-3, 52-2 and 86-2.

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- An ammunition pallet skid test was coordinated with a Virginia consulting firm. The information obtained is to be used by Legal in an upcoming court case.

o MECHANICAL - P. H. GREENFIELD

- Completed installation of level instrumentation on for the #2 fuel oil tank outside of Bldg 80.
- Completed rebalancing of the air distribution systems in Bldg 52-4 Accounting and 52-4 R&D.
- Awaiting chlorine gas detection system equipment to be used in the door entry and alarm system for the chlorine storage and feed facility adjacent to Bldg. 53.
- Submitted a new exhaust permit to the NYS Dec to vent ammonia during the maintenance of the storage facility on Remington Ave.
- Completed drawings for alterations or replacements to exhaust systems in Bldg. 52-3A Model Shop, Bldg 48-1SW Heat & Draw Tocco's, Bldg. 76-3 Debinderizer, Bldg. 82-1 Lindberg, Bldg 82-1N Heat & Draw, Bldg. 54-1 Rotoclone, Bldg. 76-3 Kneader Hood, Bldg 46-2 Solvent Tank.
- Preparing sheetmetal drawings for modification of exhaust in Bldg 48-1SE Barnes Drills, Bldg. 57-1S Lathes, Bldg 76-3 BTU Furnace, Bldg. 50-1N polishing.
- Scheduled a site visit for Frank Fuller, an ESD Consultant on Air Systems, for the week of December 2nd, to review ventilation and exhaust systems in the 1st floor area of Bldg 44 thru 51.
- Completed the cleaning of #3 well and returned it to service.
- Completed the painting of #1 ammonia tank and associated piping, resourced the plumbing dept. to replace excess flow valves in tank. Painting of #2 tank will be scheduled for 89.
- Added 4th rotoclone to the replacement list in Bldg 48-1N.
- Completed installation of ventilators in Bldg 78.
- Completed lowering of driveway elevation in Bldg. 86 to alleviate problems with delivery truck unloading.
- Resourced procurement and stocking of flame retardant filter bags used in various torits in plant, heat exchanger parts for air compressor, Bldg. 84-3 drying room fan.

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o ELECTRICAL - L. E. WILLIAMS

- Traveled to the New Process Gear plant in Syracuse on 11/16/88 to look at a Tocco solid state supply similar to the model being considered for replacing motor generators on our Tocco induction heaters in the plant.
- Short presentation given to J. Preiser on the proposed HIPP electrical rate for the plant.
- Work is progressing on the temperature monitoring equipment for the GFM machines. A temporary setup is functioning on #4 GFM.
- Electrical facilities work completed:
  - computer cables for Nexus System in maintenance area
  - installation of motor starter for stock press cooler
  - installation of Small Parts Assembly II robot
  - washer/dryer in heat treat 82-1
  - security connection added to shaker furnace
- Electrical designs/alterations for machine controls:
  - new instruments for rotary nylon molding press
  - black oxide conveyor control consolidation
  - power integrator installed on MIM extruder equip.
- Electric Shop assistance:
  - American Induction heater on upsetter in Bldg. 76-1
  - American Induction heater on #3 GFM

o PROJECT MANAGEMENT - J. A. HARTER

Training for engineers is nearing completion. Because of holiday conflicts, training will be done in January. A "Project Engineering Estimate and Expenditures" form is being developed for use by the engineers.

o PROJECT ENGINEERING - RESOURCE SHARING - J. A. HARTER

A meeting of the Penny Cluster group was held at the Chemicals and Pigments Department at Niagara Fall. Ty Hooper and Steve Blocker presented an overview of the M&L Department and OVRO's organization and responsibilities concerning contracting.