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*File*  
April 25, 1977

J. W. BLAIR

XP-100 Barrel  
Proposed GFM Process to Replace Draw Rifle

A major part of the present draw rifle process is currently being done by the operators in the Custom Shop and R&D Section who are not only day work operators but also draw considerably higher wages over MPR operators. This results in a high manufacturing cost.

Due to a significant increase in the Production Forecast of XP-100 coupled with the high manufacturing cost of XP-100 barrels, PE&C proposed the GFM process to replace the present costly draw rifle process, and thus reduce operating cost.

An economic evaluation has been completed for the above proposal. The attached cost comparison sheet indicates that an annual gross savings of \$11,760 in operating cost can be realized by changing to GFM process. It also indicates a reduction of \$3,360 in working capital. This project requires \$5,700 in operation charges and nothing in capital investment. Thus, it is highly profitable to replace the present draw rifle with the proposed GFM process without any further delay.

G. E. Fletcher, Superintendent  
INDUSTRIAL ENGINEERING SECTION

*C. P. Vallabhaneni*  
By: C. P. Vallabhaneni

CPV/mc  
Enc.