

Supplement No. 1 to  
SLAC PROPOSAL NO. 56A

WP  
SD

DATE: March 3, 1970

To : W. K. H. Panofsky

FROM : M. Schwartz

SUBJECT:

I would like to request reconsideration of Proposal 56 on the basis of the following changes:

1. The hole will be excavated at a distance of 160 feet from the beam dump, removing the necessity for steel shielding.
2. No running time is requested at this time. All running will be done parasitically.

The cost of this new version is being estimated in detail and should lie between \$25,000. and \$35,000. Needless to say, there will be some loss of sensitivity, particularly in the search for heavy leptons, but we feel that the experiment is still very worthwhile.

In the event that the laboratory still prefers not to fund this effort, I intend to fund it through our Air Force Contract.

cc: A. Mann, University of Pennsylvania

*WKS*

Earth has strangeness field. if quarks are PS + 0 mass  
every elect is  $(10^{-13})^2$

$\gamma \rightarrow S$  conversion  
rate?  
 $K^+$   
 $K^-$

$\gamma \rightarrow S$  in constant field  
at what rate?

mixed PS S

$\frac{\text{Strangeness}}{\text{Gravity}} \sim \frac{\alpha (10^{-13})^{2+2}}{G} \text{ per } 10^{-17}$

KMP  
3/4/70