

*Dr. Luke*

Project S-8  
Docket 70-36

Joseph Dalaney, Chief  
Nuclear Materials Branch

*1-4-61*

Charles D. Luke, Chief  
Criticality Evaluation Branch

MALLINCKRODT NUCLEAR DIVISION

We have reviewed the Mallinckrodt application dated December 14, 1960 requesting amendment of their license to permit processing up to 6% enriched uranium.

Mallinckrodt is presently authorized to process 5% enriched uranium in limited safe batch quantities as presented in K-1019 (fifth revision). For the proposed 6% limited process batches would continue to be based upon the above reference. The same equipment and procedures now approved for 5% enrichment will remain unchanged.

We see no objection to approval of the proposed increase in enrichment.

CEH:DLR

CDLuke:hh

1/4/61

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