

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:dh

1/4/61

B-76