

5-13-60

Lyall E. Johnson, Chief
Licensing Branch

Project 8-8
Docket 70-36

Clifford K. Beck, Chief
Hazards Evaluation Branch

MALLINCKRODT NUCLEAR CORP.

We have reviewed the Mallinckrodt application dated April 14, 1960, requesting approval of a uranium recovery process.

The recovery process involves dissolution, extraction, precipitation, and filtration. The applicant has based safety on the design of equipment of safe geometry. In addition, safe mass limits will also be imposed in some of the operations. Mallinckrodt has based the spacing of individual pieces of equipment on the appropriate solid angle calculations.

We recommend approval of the equipment and procedures proposed by Mallinckrodt.

HEB:DL&R

HEB:DL&R

CDLuke:alp

CKBeck

5/12/60

5/ /60

B-59