

Beck

Docket No. 70-36

MAR 6 1958

I. E. Johnson, Chief  
Licensing Branch

C. K. Beck, Chief  
Hazards Evaluation Branch

MODIFICATIONS TO MALLINCKRODT LICENSE NO. SW-33 (Project No. 70) ✓

In reply to your memorandum of March 3, we have reviewed the four subject proposals dated February 20, 20, 20, and 25, 1958 and have identified several areas in which further information will be required before a satisfactory evaluation of the facility, with regard to the prevention of inadvertent criticality, can be completed.

The questions following are arranged according to the four facilities proposed:

I. Pelletizing Process

1. In what type of equipment will the higher assays be blended?
2. Describe the geometry of the granulating equipment.
3. How will oversize be controlled to limit loading?
4. What are the types and sizes of "specially designed containers" into which trays are emptied after the drying operation?

II. Milled Grinding Operation

No questions.

III. All-Assay  $UO_2$  Production Facility

An elaboration on the procedures which will prevent using low assay equipment for high assay material (changeover modifications, checkouts, etc.) is desired.

IV.  $UO_2F_2$  and  $UO_2 (NO_3)_2$

The dimensions and mass limits of the new shipping containers are desired.

HEB:DLAR

HEB:DLAR

DLAR

HEB

T.G. Schleiter: C.K. Beck  
3/11/58 3/ /58

H.L. Price  
3/ /58

B-8