

Beck

Docket No. 70-36

MAR 6 1958

I. E. Johnson, Chief  
Licensing Branch

C. K. Beck, Chief  
Hazards Evaluation Branch

MODIFICATIONS TO MALLINCRUDT 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. Pelleting Process

1. In what type of equipment will the higher assays be blended?
2. Describe the geometry of the granulating equipment.
3. How will ovens 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. Need of Grinding Operation

No questions.

III. All-Assay UO<sub>2</sub> 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<sub>2</sub>F<sub>2</sub> and UO<sub>2</sub> (NO<sub>3</sub>)<sub>2</sub>

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

HEB:DLR	HEB:DLR	DLR
	HEB	
T.G. Schleiter:	C.K. Beck	H.L. Price
3/11/58	3/ /58	3/ /58

B-8