70-36
LRL:CPM

DEC 24 1958

Mallinckrodt Chemical Works
St. Louis 7, Missouri

Attention: Mr. W. M. Leaders
Technical Director
Special Metals Division

Gentlemen:

This refers to your letter of November 14, 1958 in which you submitted information in support of your request dated October 31, 1958 for authorization of revised shipping procedures.

The information contained in the referenced letter appropriately based on solid angle calculations, assumes a k_{eff} of 0.3 for UO_2 in the quantities and enrichments specified. From the information submitted, we find no basis for making this assumption. Therefore, in order that we may continue our review of your request, you should furnish calculations or observations used in computing k_{eff} together with appropriate references.

Very truly yours,

J. S. Boleany
Chief, Nuclear Materials Section
Licensing Branch
Division of Licensing & Regulation

E-114

OFFICE ▶	LRL	LRL				
SURNAME ▶	McCallum/gr	[illegible]				
DATE ▶	12-23-58	12-24-58				

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