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NUCLEAR
DIVISION
Baltimore,
Maryland
21203

MARTIN COMPANY

February 24, 1965

Refer to: ACC-378
Internal Mail 845

U. S. Atomic Energy Commission
Division of Materials Licensing
Washington, D. C.

Attention: Mr. Kenneth Lauterbach

Subject: Shipment of Special Nuclear Material to
Argonne National Laboratory

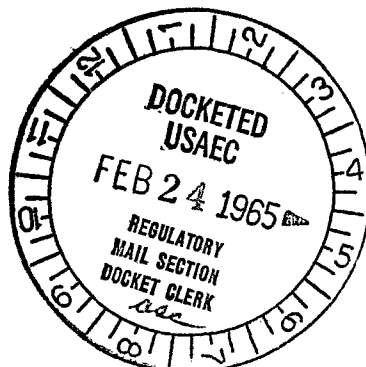
Reference: (a) Drop Test of Shipping Container -
Application dated August 26, 1964

Gentlemen:

In the referenced application we submitted information concerning the drop test performed on the Martin Marietta 55 gallon shipping container. Based on the integrity of the inner 40 schedule pipe container, the four inch diameter geometry, and the construction of the entire container, it is my opinion that the container meets the criteria of a Class I type container.

We now request AEC approval for use of this container for shipment of highly enriched uranium oxide powder to the Argonne National Laboratory, Argonne, Illinois. The powder will be contained in maximum 2 1/2 inch diameter polyethylene bottles and packaged within the four inch pipe such that there will be a minimal movement of the bottles during shipment. The maximum U-235 content in any shipping container will be 2000 gms U-235 and it is planned to use three shipping containers for the total shipment.

We are enclosing copies of the certification received from Kramer-Consolidated Freight Lines, Inc. to further assure that proper handling of the shipment by the carrier will be effected.



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ACKNOWLEDGED

A DIVISION OF
MARTIN
MARIETTA

The Martin Company
Baltimore, Maryland

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We plan to make this shipment as soon after March 1, 1965 as possible and will appreciate your usual prompt attention to this matter.

Very truly yours,

MARTIN MARIETTA CORPORATION
MARTIN COMPANY, Nuclear Div.

Charles W. Keller

Charles W. Keller, Nuclear
Accountability & Licensing
Representative