

Lauterbach

UNITED STATES GOVERNMENT

Memorandum

TO : Donald A. Nussbaumer, Chief
Source & Special Nuclear Materials Branch, DML

DATE: April 29, 1965

FROM : Charles D. Luke, Chief
Criticality Branch, DML

CDL

SUBJECT: MARTIN COMPANY, DOCKET NO. 70-58, APPLICATIONS DATED APRIL 12, 1965

SYMBOL: DML:TGM

We have reviewed the two subject applications for shipment of (1) 160 grams U-235 as contained in metallographic mounts and tube sections; and, (2) 2.41 kg U-235 as excess Pathfinder fuel.

The shipment of 160 grams U-235 does not present a nuclear safety problem provided that Martin Company exercises supervision and control over the shipment as specified in Section 71.22(a) of 10 CFR 71.

The other shipment consists of eleven, 17H, 55-gallon drums with 4" I.D. Schedule 40 inner containers. The maximum U-235 loading for any container is 616 g. The container has been tested and the loss in spacing has been used in the solid angle calculations for the safety of the array. We have no objection to the shipment provided that the license be conditioned to prohibit unloading and transshipment until final delivery to the consignee.



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