

UNITED STATES GOVERNMENT

Memorandum

TO : Donald A. Russbauer, Chief, Source and
Special Nuclear Materials Branch, DLR
Attn: J. C. Delaney

DATE: September 20, 1962

FROM : Christian Eck, Staff Engineer - Structural
Fuels Processing Branch, DLR

SUBJECT: BAMBIN-MARIETTA APPLICATION OF AUGUST 29, 1962, FOR APPROVAL
OF SHIPPING PROCEDURES (70-50)

I have reviewed the data presented and offer the following comments:

- a. It is suggested that the drum be strengthened to be capable of resisting a 30 foot drop on the side without exceeding the required 10% reduction in the minimum spacing.
- b. The applicant has not furnished any analysis data to back up his contention that the impact forces from 30 foot drop would be less than (b)(4). This and other assumptions made in their analysis should be substantiated, preferably by tests.

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