

Project S-8
Docket 70-36

Lyall E. Johnson, Chief
Licensing Branch

8/25/60

Clifford K. Beck, Chief
Hazards Evaluation Branch

MALLINCKRODT NUCLEAR CORPORATION, JULY 8, 1960

Please refer to your July 14 memorandum, requesting review of Mallinckrodt Nuclear Corporation's proposed methods for shipping eight-inch UF₆ cylinders.

Mallinckrodt's proposal to use birdcages already licensed for MD (12-inch) cylinders, will provide the eight-inch cylinders with safe spacing under the specified limitations of U-235 enrichment, moderation control, and container array.

The July 8 application did not show any evidence of modification to the MD cylinder birdcage which would permit securing 8-inch cylinders. However, the supplemental application furnished by Mallinckrodt on August 19, 1960, makes provision for this.

Accordingly, we recommend that the application be approved.

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