

UNITED STATES GOVERNMENT

Memorandum

TO : Joseph Delaney, Chief
Nuclear Materials Branch
Division of Licensing and Regulation

FROM : Lester R. Rogers, Assistant Director for
Nuclear Materials Safety
Division of Licensing and Regulation

SUBJECT: McDONNELL AIRCRAFT CORP., DOCKET NO. 40-29

DATE: DEC 10 1960

*Lester R. Rogers
per ab*

Conclusion: The application dated November 7, 1960 for disposal of 75 lbs. of thorium contained in scrap HMZIA alloy per year by burial in sanitary land fills appears satisfactory from a radiation safety standpoint. Licensees are permitted to dispose of approximately 11,910 pounds of natural thorium per year under the provisions of Section 20.304 of 10 CFR 20 without special approval of the Commission. The new definition of the "curie" for natural thorium, as given in the amended 10 CFR Part 20, effective January 1, 1961, was used in calculating the above weight of thorium equivalent to 12,000 times the 50 μ c value in Appendix C, 10 CFR 20.

Neither is approval required to release to sanitary sewerage systems the amounts of sludge that the applicant proposes to dispose of under the conditions of Section 20.303.

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