

UNITED STATES GOVERNMENT

Memorandum

TO : Robert J. Catlin, Chief
Radiation Standards Branch, DSS

DATE: May 15, 1964

FROM : W. H. Ray, Acting Chief *W. H. Ray*
Irradiated Fuels Branch, DML

SUBJECT: APPROVAL OF RESPIRATORY PROTECTION, MARTIN-QUEHANNA

On April 15, 1964, the Martin-Marietta Corporation submitted an application to renew Byproduct License 19-1398-29 for the operation of their Sr-90 pilot plant at Quehanna, Pennsylvania. Supporting this application, they submitted document MND-3137 "Facilities Design and Safety Evaluation".

Please advise regarding the adequacy of information supplied in MND-3137 to support an authorization pursuant to paragraph 20.103(c)(3) of 10 CFR 20 to utilize respiratory protective devices. Sections 10.6.12, 10.6.13, 10.7, 10.7.2, 10.7.3, and 10.8.4 through 10.8.4.6 inclusive, in MND-3137 appear to be pertinent.

Another Martin-Marietta application dated May 11 requests an amendment to authorize the removal of equipment and the rehabilitation of Cells 1 and 2, which have been used for Sr-90 processing. The use of respiratory protective devices as specified in MND-3137 would probably be valuable in this work, which the licensee would like to initiate within a week. Hence, a prompt appraisal of this matter is desired.

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