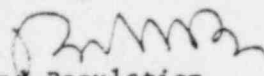


UNITED STATES GOVERNMENT

# Memorandum

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

FROM : Robert F. Barker, Chief   
Radiation Safety Branch  
Division of Licensing and Regulation

SUBJECT: MICHIGAN CHEMICAL CO., DOCKET NO. 40-6264

DATE: FEB 2 1961

Conclusion: The application dated January 13, 1961 for the storage of 100 tons of monazite ore appears satisfactory from a radiation safety standpoint.

The application for the processing of 500 lbs. of thorium residues is not complete from a radiological safety standpoint. The following information is requested in regard to the processing of this material:

1. Radiation safety procedures to be followed including air sampling in the event there are dust or fume producing operations involving thorium magnesium alloy.
2. Description of the hoods or vented areas to be used if processing produces airborne radioactive contamination.
3. Type of air sampling equipment available if surveys are required.
4. Method of waste disposal of contaminated materials or liquids.