

UNITED STATES GOVERNMENT

Memorandum

TO : Don F. Harmon, Source and Special
Nuclear Materials Branch

DATE: January 24, 1962

FROM : Chris Beck, Process Evaluation Branch

SUBJECT: PETROTOMICS CO.'S MILL TAILINGS POND, DOCKET NO. 40-6659

I have reviewed the data presented on subject project and found the design and the stated construction procedures of the dam adequately safe for both present and proposed future extension. The impervious bentonitic (clayey mineral deposits) material in the dam and keyway should insure stability of the dam despite the somewhat steep up-stream slope. The 40 ft. top width of the dam also adds to the safety of the dam. The stated justifications for not providing surface protection of the embankments appear valid.

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