

OCT 26 1977

MEMORANDUM FOR: L. C. Rouse, Chief, Fuel Processing and Fabrication Branch, Division of Fuel Cycle and Material Safety, NRC

FROM: L. G. Hulman, Chief, Hydrology-Meteorology Branch, Division of Site Safety and Environmental Analysis, NRC

SUBJECT: PETROTONICS - GETTY OIL CO., HYDROLOGIC ENGINEERING SUMMARY

PLANT NAME: Petrotonics Uranium Mine
LICENSING STAGE: License Renewal
DOCKET NUMBER: 40-6659 (TAC #4445)
RESPONSIBLE BRANCH: Fuel Processing and Fabrication Branch
REQUEST CONTACT: R. Woolsey
REVIEW STATUS: Hydrologic Engineering Section (HMB) - Complete

Enclosed is a hydrologic engineering summary for the subject tailings retention system, prepared by T. L. Johnson. We find that the proposed tailings embankment meets the criteria suggested in Regulatory Guide 3.11 (Rev. 1) for flooding and seepage. Preparation of this summary was coordinated with the Geosciences Branch, Geotechnical Engineering Section.

DISTRIBUTION:
DOCKET FILE (40-6659)
NRR RDG
HMB RDG
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Original Signed by
L. G. Hulman
L. G. Hulman, Chief
Hydrology-Meteorology Branch
Division of Site Safety and Environmental Analysis
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/o encl:
R. Boyd
R. DeYoung

cc w/encl:
H. Denton W. Gammill L. Hulman R. Woolsey
R. Cunningham J. Martin T. Johnson L. Heller
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DATE	10/13/77	10/16/77	10/19/77	10/19/77	10/26/77