



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Return to URFO 467-55

40-6659

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SEP 10 1982

WMUR:HJP
Docket 40-6659

MEMORANDUM FOR: Docket File 40-6659

FROM: Harry J. Pettengill, Section Leader
Operating Facility Section II
Uranium Recovery Licensing Branch

SUBJECT: SITE VISIT TO PETROTOMICS & PATHFINDER SHIRLEY BASIN

On February 24, 1982, Harry J. Pettengill and Roy Williams, consultant to NRC, visited the Getty Petrotomics mill and the Pathfinder Shirley Basin mill. The intended purpose of the visit was to review the report "Preliminary Report on the Evaluation of the Ground Water Hydrology in the Vicinity of Petrotomics Tailings Reservoir, Shirley Basin, Wyoming." Present at this meeting were Judd Whitman and Steven Phaff of Petrotomics and S. Carin of Hydro-Engineerings. The staff and NRC consultant thoroughly outlined the detailed technical problems identified in the above named report. The attached technical review by R. Williams dated February 26, 1982, documents our specific concerns.

Following this meeting we made a site inspection of the well location^s and the open pits in an attempt to further delineate potential seepage pathways. Getty familiarized the staff with a newly installed cutoff ditch and collection well as part of its proposed mitigative actions. Documents in this regard have been subsequently submitted to NRC for review as part of the licensing renewal process.

A short visit was made to the Pathfinder Shirley Basin Mill in order to familiarize us with the well locations identified in a seepage study that was under NRC review at that time. Subsequently, a meeting was held in

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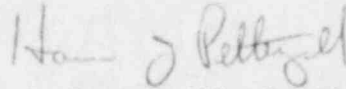
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Certified By

B. Fisher

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Silver Spring on March 9 and 10, 1982, and final licensing action in this regard was accomplished by amendment no. 7 on May 21, 1982. Attached is a technical review of the seepage study on the Pathfinder facility.



Harry J. Pettengill, Section Leader
Operating Facility Section II
Uranium Recovery Licensing Branch

Enclosures:

1. R. Williams document dtd ^{2/26}~~4/16~~/82 40-6659 DCS# 8204300473
2. Pathfinder Seepage Study review 40-6622 DCS# 8204260048