



Getty Oil Company | 3810 Wilshire Boulevard, Los Angeles California 90010 • Telephone: (213) 381-7151

C. J. Kuden, Minerals Engineering Manager

September 2, 1977

Mr. L. C. Rouse, Chief
Fuel Processing & Fabrication Branch
Division of Fuel Cycle and Material Safety
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Ref: Letter of August 29, 1977 from
Ross A. Scarano to Robert Killillay

Dear Mr. Rouse:

In response to referenced letter, we have held discussions with Mr. Tom McDaniels and Mr. Dwayne Lillard in Albuquerque and Mr. Ted Johnson in Maryland concerning modification of the Petrotonics tailings dam. We will answer the concerns raised in Enclosure A item by item as per attachment.

In referenced letter, paragraph 1, additional information has been requested concerning erosion protection for the upstream face of the tailings dam. After discussion with Mr. Johnson, we have decided that we will provide the required erosion protection for the upstream portion of the dam. We will submit specifications and a technical evaluation for the protective method to the NRC for review and approval prior to construction.

We have responded to all the comments as requested. We anticipate NRC adherence to their schedule of obtaining final approval by October 21, 1977 for modification of the Petrotonics Tailings Dam.

Sincerely,

CJK:pw
Encls:

cc: Mr. J. H. Whitman w/attach.
Mr. Jasper H. Coombs

8007300 130

Responses to Enclosure A of Referenced Letter

1. a) We agree to construct a downstream drainage blanket as recommended by the Corps of Engineers. The downstream drainage blanket will be designed according to acceptable engineering criteria.
1. b) We agree to construct a cut-off trench along the length of the future embankment through the overburden materials to the foundation sandstone or claystone.
1. c) The locations are shown on Figure 2 of our Response to NRC Comments dated May 5, 1977. These have been accepted by the Corps of Engineers by verbal communication. We will case the holes with 4" casing, leaving it 24" above the ground. The casing will be capped with a screw dome fitted with padlock and hasp. The holes will be drilled to depths of about 100 feet, blown clear of water, a sufficient number of times to insure a clean hole and good water producing characteristics. Should the NRC require additional procedures, we are prepared to comply with them.
1. d) We will adhere to the "Recommended Quality Control Procedures" as stated in the Report by Chen and Associates of July 1977.
2. a) We will revise the specifications to include gradation, placement, moisture control, and compaction of the filter material required for the downstream drainage blanket.
2. b) We accept the revision as stated to read as follows:
 - (a) The moisture content after compaction shall be within the limits of 1.0 percent dry and 2.0 percent wet of the standard optimum moisture content as determined by the test specified in subparagraph 4.b. Material that is not within the specified limits after compaction will be rejected and shall be removed or reworked until the moisture content is between the specified limits.
2. c) We agree to the deletions of paragraphs 4. b (b), 4. b (b)(i), and 4. b (b)(ii).
2. d) We agree to the revision of paragraph 4. c (a) as worded in Enclosure A of referenced letter.
2. e) We agree to the deletion of paragraphs 4. c (b), 4. c (b)(i), and 4. c (b)(ii) of the Specifications.
2. f) As discussed with Mr. McDaniels and Mr. Lillard, the wording of paragraphs 5. a and 5. b requires that the earthfill in the embankment above the ground surface be placed at approximately the same level to insure a homogeneous embankment; and the wording is acceptable to them as written.



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

MEMORANDUM FOR: TERA Corp.
FROM: US NRC/TIDC/Distribution Services Branch
SUBJECT: Special Document Handling Requirements

1. Please use the following special distribution list for the attached document.

2. The attached document requires the following special considerations:

- Do not send oversize enclosure to the NRC PDR.
- Only one oversize enclosure was received - please return ~~for Regulatory File storage.~~
TO PDR AFTER microfiche.
- Proprietary information - send affidavit only to the NRC PDR
- Other: (specify)

Richard Small

cc: DSB Files

TIDC/DSB Authorized Signature