



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

PDR

SEP 28 1978

DOCKET NO.: 40-8681

APPLICANT: Energy Fuels Nuclear (EFN)

FACILITY: Proposed White Mesa Project

SUBJECT: MEETING ON SEPTEMBER 28, 1978 BETWEEN ENERGY
FUELS NUCLEAR AND NRC TO DISCUSS PROGRESS ON
THE WHITE MESA PROJECT ENVIRONMENTAL REVIEW

Attendees:

R. Adams - EFN
D. Markley - EFN
J. Martin - NRC
E. Trager - NRC

Meeting Minutes

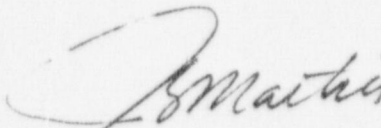
Reviewed progress which has been made on the environmental review for the White Mesa Project. Discussed a list of significant unresolved issues (copy enclosed) and agreed to the following concerning each:

1. For the first cell EFN will commit to installation of a state-of-the-art artificial liner. It is anticipated that subsequent cells will be lined with natural materials (on-site silt-sand and/or Mancos Shale). This will allow time for field testing of natural material liners for the subsequent cells.
2. The proposed tailings cover will be modified to include a cap of Mancos Shale in order to meet the current NRC criteria for radon exhalation from reclaimed tailings.
3. EFN's current tailings management system proposal (including borrow area plans) as described in the revised license application (dated September 26, 1978) will be modified to account for the additional material required for the cover.
4. Detailed discussion of the applicant's plans for mill decommissioning and site reclamation will be provided.

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Both parties agreed that the November 6, 1978 date for issue of the Draft Environmental Statement can be met. If any unforeseen events occur which might jeopardize this issuance date the NRC will so inform EFN and appropriate mitigating measures will be taken.

These minutes were reviewed and agreed to by the participants.



John B. Martin, A/D



R. Adams, EFN

Significant Unresolved Issues:

1. Material presented so far does not provide sufficient justification for the conclusion that a liner of natural soils will mitigate impacts on groundwater quality due to seepage of toxic materials.
2. The proposed tailings cover thickness is not considered adequate to meet the staff technical position on radon exhalation.
3. Soil borrow areas identified for use in the proposed tailings management program appear to have been underestimated. (It is our estimate that one acre of borrow might be required for each acre of ^{min}400 acre impoundment).
4. Concerning the applicant's plans for mill decommissioning and site reclamation, please provide detailed discussions for the following:
 - a. A technical and financial feasibility assessment on methods and overall costs of mill decommissioning and site (including tailings area) reclamation. Note that all future costs should be discounted to present worth.
 - b. Financial arrangements to be made (such as bonding arrangements, etc.) to ensure that adequate funds will be available for mill decommissioning, site reclamation, and restoration when operations are concluded.

NOTE:

Before the DES can be issued the applicant will have to issue a supplement to the ER containing information on all modifications and additions which have resulted from this review. This should include summaries of all data reported in supplementary reports on air, water, and radiological monitoring programs.