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WM-39



Department of Energy

Grand Junction Projects Office
Post Office Box 2567
Grand Junction, Colorado 81502-2567

January 4, 1991

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Mr. Paul Michaud, Project Manager
Nuclear Regulatory Commission
Uranium Recovery Field Office
Post Office Box 25325
Denver, CO 80223

SUBJECT: Approval of Remedial Action Design Package Utilizing Supplemental Standards for 940 S. 10th Street

Dear Mr. Michaud:

Enclosed is one copy of the Radiologic and Engineering Assessment for the following location:

GJ-90101-CC 940 S. 10th Street
GJ-00461-CC 940 S. 10th Street

The REA has been reviewed and approved by the Department of Energy and is being forwarded to the Nuclear Regulatory Commission for their review and approval. The engineering assessment does propose utilization of EPA supplemental standards for the approximately 282 cubic yards of mill tailings underneath 1500 square feet of a 10 inch thick concrete slab. Situated on top of the slab is a two story concrete block building with large steel doors that is used for storing concrete materials. This building is part of a concrete batch plant in an industrial section of town, and no land use change is expected in the foreseeable future.

The DOE has evaluated two possible remedial action alternatives and the associated health risks, and has determined that no remediation is the best alternative. The Health Risk Analysis suggests that there are no identifiable significant health risks if supplemental standards were applied to the materials beneath the concrete slab.

This proposed course of action has been discussed with G. A. Franz, Colorado Department of Health, Grand Junction Office, and property owner. The property owner has expressed concern over the application of supplemental standards. As part of the Governor Romer (CO)/Bruce Twinning (Albuquerque Operations Office Manager) Agreement, a long-term tailings control and management plan should be completed in 1991.

The justification checklist, property condition description, considerations, cost applications breakdown, justification and the property owner comments are included in the REA. The supplemental standards application is being requested because the cost of remedial action for clean up of the building is unreasonably high relative to the long-term health benefits (criteria d).

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DESIGNATED ORIGINAL

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Certified By Mary C. Ford

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Mr. Paul Michaud

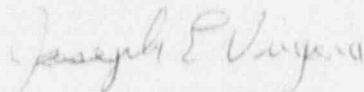
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After NRC has reviewed this document, and if you agree with the planned remedial action, please forward a letter concurring with this course of action by January 31, 1991.

If you have any questions or require additional information, do not hesitate to contact John Elmer at 303/248-6038 or me at 303/248-6006.

Sincerely,



Joseph E. Virgona
Supervisory General Engineer

Enclosure

w/o Encl.

cc: w/o enc.

J Solecki - DOE/ID
H Roitman - CDH/Denver
G Franz - CDH/GJ
M Matthews - UMTRAPO/AL
P Mann - UMTRAPO/AL
J Elmer - Geotech