

September 29, 2011

Mr. Donald R. Metzler
Moab Federal Project Director
U.S. Department of Energy
200 Grand Avenue
Grand Junction, CO 81501

SUBJECT: REVIEW OF PROPOSED CHANGES TO REMEDIAL ACTION PLAN –
REVISIONS TO RIPRAP SPECIFICATIONS FOR THE CRESCENT JUNCTION
DISPOSAL CELL, MOAB URANIUM MILL TAILINGS REMEDIAL ACTION
(UMTRA) PROJECT

Dear Mr. Metzler:

The U.S. Nuclear Regulatory Commission (NRC) staff has completed its review of your letter dated August 29, 2011, in which the Department of Energy (DOE) proposed changes to riprap specifications for the Crescent Junction disposal cell. The proposed changes to the Moab UMTRA Project Remedial Action Plan are as follows:

- A reduction in the quantity of fines allowed from 15- to 5-percent and the elimination of three of the four smaller bands of gradation (No. 8, No. 16, No. 200), leaving the No. 4 band in the specification to control fines content in the final rock products.
- A gradation revision for the D50-11.8-inch rock.

Specifically, DOE proposed revisions to Specification 32-11-23 Aggregate and Rip Rap, Section 2.1.6.1 Bio Barrier and Cover Top, Table 3. These revisions were indicated in Figure 1 of your August 29, 2011, submittal. Based on its review, NRC staff finds the proposed changes acceptable. A technical evaluation documenting the staff's review is enclosed.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice for Domestic Licensing Procedures and Issuance of Orders," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html>.

D. Metzler

2

If you have any questions concerning this letter, please contact the NRC project manager, Kim Conway, either by telephone at (301) 415-1335, or by e-mail at kimberly.conway@nrc.gov.

Sincerely,

/RA/

Lydia Chang
Chief, Special Projects Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

Docket No. WM-110

Enclosure: Technical Evaluation

cc: J. Berwick, DOE

D. Metzler

2

If you have any questions concerning this letter, please contact the NRC project manager, Kim Conway, either by telephone at (301) 415-1335, or by e-mail at kimberly.conway@nrc.gov.

Sincerely,

/RA/

Lydia Chang
Chief, Special Projects Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

Docket No. WM-110

Enclosure: Technical Evaluation

cc: J. Berwick, DOE

ML112700588

OFFICE	FSME	FSME	FSME
NAME	KConway	TRowe	LChang
DATE	9/26/11	9/26/11	9/29/11

OFFICIAL RECORD COPY