



Department of Energy

Albuquerque Operations Office
P.O. Box 5400
Albuquerque, New Mexico 87185-5400

April 18, 1997

Mr. Jeffrey Deckler, Manager
Remedial Programs Section
Hazardous Materials and Waste
Management Division
Mail Stop HMWMD-RP-B2
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado
80220-3716

Dear Mr. Deckler:

Attached for your review and comment is a copy of the revised Erosion Protection, Diversion Channels (NAT-CALC-004.1) and a copy of the associated DRAFT Bluelines for the Uranium Mill Tailings Remedial Action Project's Upper Burbank Repository located at Uravan, Colorado. This calculation contains surface water hydrology, erosion protection calculations and analysis of sediment transport for the diversion channels associated with the site. This transmission will replace, in its entirety, the submittal transmitted to you on 13 February 1997. To aid in your review of this document, I provide the following cross walk:

Sizing of Type A rock, alluded to on Page 1, paragraph 2 of the Introduction, is in the Naturita Remedial Action Plan (RAP) FINAL DRAFT and can be found in NAT-CALC-003. *Erosion Protection; Top and Sideslopes* and

The Shepard Miller Hydrology Study, dated 2 October 1995, called out on page 2 of 14, Section 2.1.1 *Previous Studies*, is located in Appendix A of NAT-CALC-004 of the Naturita RAP FINAL DRAFT, Appendix E.

This transmittal is being sent to you in this form and with no RAP incorporation instructions to expedite your review and comment on the Naturita RAP as a whole. Once you have completed your review, it is our intention to reconfigure the document to ensure each organization has the most complete and up to date version. As you may recall there are still two RAP's associated with this site and this effort would essentially eliminate one of these documents. This reconfiguration effort has been discussed with members of the Nuclear Regulatory Commission as well as Ms. Wendy Naugle of your staff and the general consensus has indicated such an effort would be greatly appreciated.

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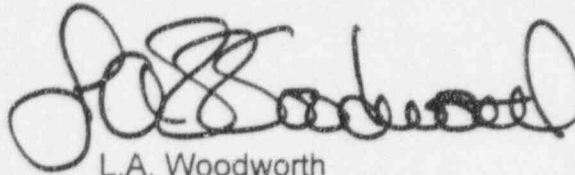
April 18, 1997

The documents and/or information transmitted herein have been determined by the U.S. Department of Energy to be exempt from disclosure under Exemption 5 of the Freedom

of Information Act (5 U.S.C. 552(b)(5), as Amended). Therefore, we request these documents not be released to the general public at this time.

If you or your staff have any questions regarding this transmission, please feel free to contact me at (505) 845-5637.

Sincerely,

A handwritten signature in black ink, appearing to read "L.A. Woodworth", with a large, stylized initial "L" and "W".

L.A. Woodworth
Naturita Site Manager
Uranium Mill Tailings Remedial
Action Team
Environmental Restoration Division

Enclosures:

(Naturita-UMTRA, NAT-CALC-004.1 Erosion Protection,
Diversion Channels, 12 March 1997)
(DRAFT Bluelines)

cc w/o enclosures:

C. Abrams, NRC
R. Carlson, NRC
P. Oliver, CDPHE/GJ
W. Naugle, CDPHE/D
E. Artiglia, TAC
R. Waddington, MK-F