



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

4/15/80

Mr. Cubia Clayton
Environmental Improvement Division
State of New Mexico
P. O. Box 968
Santa Fe, New Mexico 87503

Dear Mr. Clayton:

As you requested during our conversation on March 25, 1980, please find enclosed a bibliography of technical reports which bear upon the matter of tailings disposal area revegetation. In addition, I have enclosed a letter response to the National Wildlife Federation giving the current NRC position regarding the use of rock versus vegetation.

Please feel free to contact me if you require any further information on this matter.

Sincerely,

Ross A. Scarano, Chief
Uranium Recovery Licensing Branch
Division of Waste Management

Enclosures:

1. Bibliography on Vegetative Covers
2. Ltr to Mr. L. Danielson fm H. Miller dtd 4/7/80

BIBLIOGRAPHY ON VEGETATIVE COVERS FOR TAILINGS
DISPOSAL AREAS

1. E. S. Gladney, et. al., "A Comparison of Thermal and Epithermal Neutron Activation for the Measurement of Selenium in Vegetation," LASL, 1978.
2. N. E. Kelley, "Vegetational Stabilization of Uranium Spoil Areas, Grants, New Mexico," LA-7624-T, UC-11, January 1979.
3. D. R. Dreesen, et. al., "Contaminant Transport, Revegetation, and Trace Element Studies at Inactive Uranium Mill Tailings Piles," presented at Symposium on Uranium Mill Tailings Management, November 20 & 21, 1978.
4. D. R. Dreesen, "Uranium Mill Tailings Environmental Implications," LASL-77-37, February 1978.
5. F. W. Whicker, "Biological Interactions and Reclamation of Uranium Mill Tailings," presented at Symposium on Uranium Mill Tailings Management, November 20 & 21, 1978.
6. J. D. Nelson and T. A. Shepherd, "Evaluation of Long-Term Stability of Uranium Mill Tailings Disposal Alternatives," prepared for Argonne National Laboratories under Contract No. 31-109-38-4199, April 1978.
7. D. E. Bernhardt and G. G. Eadie, "Parameters for Estimating the Uptake of Transuranic Elements by Terrestrial Plants," Technical Note ORP/LV-76-2, U.S. Environmental Protection Agency, March 1976.
8. D. R. Dreesen and M. L. Marple, "Uptake of Trace Elements and Radionuclides from Uranium Mill Tailings by Four-Wing Saltbrush (*Atriplex canescens*) and Alkali Sacaton (*Sporobolus airoides*)," presented at Symposium on Uranium Mill Tailings Management, November 19 & 20, 1979.
9. W. S. Chepil, et. al., "Vegetative and Non-vegetative Materials to Control Wind and Water Erosion," Soil Sci. Soc. Proc., 27: 87-89, 1963.
10. C. G. Clyde, Manual of Erosion Control Principles and Practices, Report UWRL/H-78/02, Utah Water Research Laboratory, June 1978.