

Center for Nuclear Waste Regulatory Analyses

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April 14, 1994
Contract No. NRC-02-93-005
Account No. 20-5704-074

U.S. Nuclear Regulatory Commission
Attn: Dr. George Birchard
Division of Research
5650 Nicholson Lane
Rockville, Maryland 20852

Subject: Submission of Intermediate Milestone 20-5704-074-165

Dear Dr. Birchard

The purpose of this letter is to transmit Intermediate Milestone 20-5704-074-165 "Summary Assessment of the Radionuclides Relevant to Research on the Geologic Disposal of High-Level Wastes."

This IM seeks to address two questions. First, what are the criteria for selecting those high level waste nuclides that would be studied in the NRC sponsored research projects? Second, once the criteria are identified how can they be used to screen relevant nuclides for study? Preliminary answers to these questions identify the actinide elements as having high priority in terms of importance for long term repository performance. Should you have any questions regarding this IM, please contact Roberto Pabalan (210/522-5304).

Sincerely yours,

Handwritten signature: H. Lawrence McKague
H. Lawrence McKague
Element Manager,
Geologic Setting

HLM/cg

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