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# Center for Nuclear Waste Regulatory Analyses

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October 2, 1995  
Contract No. NRC-02-93-005  
Account No. 20-5702-723

U.S. Nuclear Regulatory Commission  
ATTN: Mr. Mike P. Lee  
Performance Assessment & Hydrology Branch  
Mail Stop T7D-13  
Washington, DC 20555

Subject: Transmittal of Intermediate Milestone 20-5702-723-602: Report on Site Specific Dose Parameters

Dear Mr. Lee:

The subject milestone is specified in the CNWRA Operations Plans for the Division of Waste Management. The report, which is entitled "Initial Analysis of Selected Site-Specific Dose Assessment Parameters and Exposure Pathways Applicable to a Groundwater Release Scenario at Yucca Mountain," was prepared to fulfill this milestone. The report contains information on parameters that are important for use in both dose and risk calculations. Yucca Mountain specific data were compiled for irrigation, agriculture, resuspension, crop interception, and soil characteristics. In addition, a sensitivity analysis was conducted with the GENII-S code to aid in the ranking of dose parameters. This report is expected to provide information useful to evaluating the recent National Academy of Sciences recommendations on the standards for the Yucca Mountain site.

The subject report fulfills IM 5702-723-602 and is submitted for your review and acceptance. If you have any questions on this report, please me on (210) 522-3805 or Mr. Pat LaPlante at (703) 416-1129.

Very truly yours,  
*RG Baca*  
Robert G. Baca, Manager  
Performance Assessment

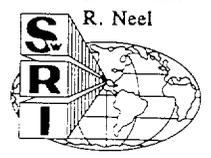
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