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# Center for Nuclear Waste Regulatory Analyses

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September 12, 1994  
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Account No. 20-5704-002

Nuclear Regulatory Commission  
ATTN: Dr. John D. Randall  
Office of Nuclear Regulatory Research  
Two White Flint North (T9F-35)  
Rockville, MD 20852

Subject: NRC High-Level Radioactive Waste Research at CNWRA (CNWRA 94-01S)

Dear Dr. Randall:

Enclosed is the subject Research Program Semi-Annual Report for the first half of calendar year 1994 (January 1 through June 1994). This document is provided consistent with the currently approved Research Project Plans which commit to publish such reports on research conducted at the CNWRA. It fulfills the milestones for each research project, as noted in the attachment.

Semi-Annual Reports document the results of technical work accomplished, as opposed to providing project status information such as is done the Program Manager's Periodic Report.

Nine of the twelve research projects that have been approved to date are represented in this report, with the depth of reporting adjusted, as appropriate, to the stage of development of and progress on the project. The research projects not included are the Stochastic and Geochemistry which have been completed with their final report peer-reviewed and submitted to the NRC; and the Thermohydrology Research Project which is scheduled for completion at the end of this calendar year.

Please contact me if you have any questions regarding this matter.

Sincerely yours,

*Budhi Sagar*  
Budhi Sagar  
Technical Director

*on the shelf*

Enclosures  
BS/lg

- cc: B. Stiltenspole (47)(See attached list)
- Y. Sullivan (14) See attached list
- B. Meehan
- J. Latz
- W. Patrick
- CNWRA Directors/Element Managers
- CNWRA Authors
- CNWRA Adv. Board (5)
- CNWRA WO (2)
- S. Rowe, SwRI

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NRC HIGH-LEVEL RADIOACTIVE WASTE RESEARCH AT CNWRA (CNWRA 94-01S)

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NRC HIGH-LEVEL RADIOACTIVE WASTE RESEARCH AT CNWRA (CNWRA 94-01S)

All of the following are Intermediate Milestones

Overall	5704-002-094-030
Rock Mechanics	5704-038-094
Integrated Waste Package Experiments	5704-046-080
Geochemical Analogs	5704-065-094
Sorption Mechanisms	5704-074-181
PA Research	5704-194-094
Volcanism-Basin & Range	5704-125-030
Tectonics	5704-167-003
Field Volcanism	5704-145-001
Regional Hydrology	5704-136-402

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