

Center for Nuclear Waste Regulatory Analyses

6220 CULEBRA ROAD • P.O. DRAWER 28510 • SAN ANTONIO, TEXAS, U.S.A. 78228-0510
(210) 522-5160 • FAX (210) 522-5155

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U.S. Nuclear Regulatory Commission
ATTN: Dr. John D. Randall
Division of Regulatory Applications, RES
Mail Stop (T9F-35)
Washington, DC 20555

Subject: NRC High-Level Radioactive Waste Research at CNWRA (CNWRA 94-02S)

Dear Dr. Randall:

Enclosed is the subject Research Program Semi-Annual Report for the second half of calendar year 1994 (July through December 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 Thermohydrology which has been completed with its final report in review; and the Sub-Regional Hydrology and Near-Field Environment which were initiated only recently and have not progressed sufficiently for reporting.

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

Sincerely yours,

Budhi Sagar
Budhi Sagar
Technical Director

Enclosures
BS/lg

on the shelf

- cc: B. Stiltenspole (49)(See attached list)
- Y. Sullivan (14) See attached list
- B. Meehan
- W. Patrick
- CNWRA Directors/Element Managers
- CNWRA Authors
- CNWRA Adv. Board (6)
- CNWRA WO (2)
- S. Rowe, SwRI

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NRC HIGH-LEVEL RADIOACTIVE WASTE RESEARCH AT CNWRA (CNWRA 94-02S)

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NRC HIGH-LEVEL RADIOACTIVE WASTE RESEARCH AT CNWRA (CNWRA 94-02S)

All of the following are Intermediate Milestones

Overall	5704-001-095
Rock Mechanics	5704-038-095
Integrated Waste Package Experiments	5704-046-100
Geochemical Analog of Contaminant Transport in Unsaturated Rock	5704-065-095
Sorption Modeling for High-Level Waste Performance Assessment	5704-074-182
Performance Assessment Research	5704-194-500
Volcanic Systems of the Basin and Range	5704-125-040
Tectonic Processes in the Central Basin and Range Region	5704-167-005
Field Volcanism	5704-145-003
Regional Hydrogeologic Processes of the Death Valley Region	5704-136-501