



September 15, 1998

ESH-FSS-98-0286

Mr. John J. Schnabel, P. E.  
Facility Engineering Section  
Division of Solid Waste Management  
South Carolina Department of Health  
and Environmental Control  
2600 Bull Street  
Columbia, SC 29201

Dear Mr. Schnabel:

**REPAIR PLAN FOR THE Z-AREA SALTSTONE VAULT 1, CELL B**

John, as we discussed earlier, two small gaps (approximately 3/4" to 1 1/4" in diameter) formed recently between the vault roof and the exterior walls of Vault 1, Cell B. This separation was caused by intrusion of rainwater through hairline cracks in the roof. The water will be removed from Cell B by pumping it out or by drilling holes in the walls and draining it into containers. The water will be collected and tested and disposed of appropriately.

We plan to repair the cracks using the same approach that was approved for Vault 1, Cell A (see Sept. 1, 1994 letter from R. L. Gill to Larry Haney) using flashing and synthetic membrane. However, as we discussed, due to the small nature of the cracks we do not plan to pour grout into them.

We are proceeding with this repair plan and will let you know when it is completed. If you have any questions or concerns or if I can be of further help, please let me know.

Sincerely,

A handwritten signature in cursive script that reads 'Larry Haney'.

Larry C. Haney  
Environmental Protection Department

lch/tmj

c: Kurt Zollinger, SCDHEC-Aiken  
David Dimmick, 704-Z  
Tom Lookabill, 704-Z

Cary Stevens, 724-21E, Rm. 11  
Bob Brookshire, 261-4H, Rm. 11  
Daniel Malizia, 704-Z