



Westinghouse
Savannah River Company

P.O. Box 616
Aiken, SC 29802

ESH-FSS-93-0486

July 16, 1993

INFORMATION ONLY

Mr. John Schnabel, P. E.
Division of Solid Waste Management
Bureau of Solid and Hazardous
Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Dear Mr. Schnabel:

PERMIT MODIFICATION FOR Z-AREA DISPOSAL VAULTS, IWP-217 (U)

Enclosed is information regarding proposed changes in location and construction of the Savannah River Site (SRS) Z-Area Disposal Vaults. As reflected in the documentation, it has been found that construction of the vaults in modules with common walls could lead to settling problems which could create cracks in the walls of the vaults. Therefore, future construction will be limited to paired vaults only. This change will require relocation of future vaults.

SRS has also discovered that the portable metal vault covers have been subject to rainwater leakage which has added to the waste volume. It has further been discovered that the metal covers will become disposal problems upon the closure of vaults. As a result, new vaults will be constructed with permanent concrete roofs.

It is requested that the permit for this facility, IWP-217, be modified to reflect these changes in future vault construction. The enclosed plans show the location change for vault number 2. At the present time, only the construction of this one additional vault has been funded. It is projected that new vault construction will begin in October 1993.

Also enclosed, for your information, is a set of plans showing the original approved layout of the Z-Area Vaults.

If there are questions or comments please contact me at (803) 725-1463.

Sincerely,

James R. McConathy
Environmental Protection Department

JRM:sam
Enclosures

CC: Myra Reece, Lower Savannah River District Office
James Burckhalter, Lower Savannah River District Office
W. C. Whitaker, DOE-ECD, 719-47A
T. Towns, DOE-ECD, 719-47A

Letter, J. Schnabel from J. R. McConathy
ESH-FSS-93-0486, July 16, 1993

BCC: R. Reeves, 774-15S
K. Z. Wolf, 704-15S
S. J. Carroll, 742-A
EPD-File, 742-A

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