



2600 Bull Street  
Columbia, SC 29201-1708

July 1, 2003

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Mr. Christopher McKenney  
Systems Performance Analyst (HP)  
Environmental and Performance Assessment Branch  
Division of Waste Management  
Office of Nuclear Materials Safety and Safeguards  
Mail Stop T-7J8  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Dear Mr. McKenney:

My attached letter of July 1, 2003, to Mr. William House, Chem-Nuclear Systems, LLC, indicates the Department's concurrence with the conclusions in their environmental assessment of the potential disposal of the spent fuel rods from the Millstone Nuclear Facility at the Barnwell Low Level Waste Disposal Site.

This is to inform the Commission that the S.C. Department of Health and Environmental Control considers this matter closed. However, if some new development occurs regarding the incident, we would appreciate a prompt notification.

We appreciate your efforts in this regard. If you have any questions concerning this matter, please do not hesitate to contact me at (803) 896-4245.

Very truly yours,

Henry J. Porter, Assistant Director  
Division of Waste Management  
Bureau of Land and Waste Management

Attachment

cc: William B. House, CNS



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Mr. William B. House  
Vice President, Regulatory Affairs  
Chem-Nuclear Systems, LLC  
740 Osborn Road  
Barnwell, South Carolina 29812

Dear Mr. House:

In reference to your letter of June 2, 2003, and your report BEDL-03-016, Environmental Assessment of Millstone Fuel Rods, please be advised that the Department concurs with the conclusions of the assessment regarding the potential for an extremely low exposure (less than  $1.5 \times 10^{-4}$  mrem annually TEDE), if in fact the fuel pins were disposed in Slit Trench No. 8; and the continued sampling down gradient for any radionuclides that would be attributable to this waste form.

In addition, a special notation regarding this incident should be made in the Slit Trench No. 8 History file for future reference.

With the exception of the actions mentioned above, the Department considers this incident closed. We appreciate your cooperation in resolving this matter, and the efforts provided by the Chem-Nuclear staff and management.

Should you have any questions, please do not hesitate to contact me at (803) 896-4245.

Very truly yours,

Henry J. Porter, Assistant Director  
Division of Waste Management  
Bureau of Land and Waste Management

cc: Christopher McKenney, NRC