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DEFENSE NUCLEAR FACILITIES SAFETY BOARD

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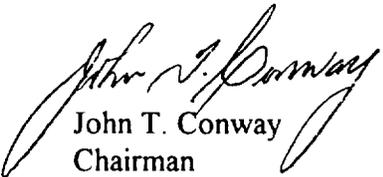
November 9, 1995

The Honorable Thomas P. Grumbly
Assistant Secretary for Environmental Management
Department of Energy
Washington, DC 20585-0113

Dear Mr. Grumbly:

Please find enclosed for your use a report entitled, *Stabilization of Deteriorating Mark 16 and Mark 22 Aluminum-Alloy Spent Nuclear Fuel at the Savannah River Site (DNFSB/TECH-7)*. This report, prepared by a Defense Nuclear Facilities Safety Board (Board) staff team, examines the dry storage and chemical processing alternatives for stabilizing the Mark 16 and Mark 22 spent fuel. The report concludes that stabilization of the spent fuel by chemical separation, as originally proposed by the Department of Energy in Response to Board Recommendation 94-1, is the best alternative for meeting the intent of Recommendation 94-1.

Sincerely,



John T. Conway
Chairman

Enclosure

c: The Honorable Charles B. Curtis
The Honorable Tara J. O'Toole
The Honorable Victor H. Reis
Mr. Mark Whitaker