

December 12, 2011

Cadet Charles R. Briseno
CDT LT, 1BN-1REG USCC
Alpha Company Executive Officer
West Point, NY 10997

Dear Cadet Briseno:

I am responding to your e-mail of November 7, 2011, regarding your work on Ultra-High Performance Concrete with potential application to dry casks for storage and transport of spent nuclear fuel. Although the U.S Nuclear Regulatory Commission (NRC) does not engage in technology development, we are interested in following developments to ensure our regulations remain effective in a dynamic environment. There are many factors that the NRC staff takes into account in reviewing the performance of dry cask storage and/or transportation systems. To discuss NRC's role and the performance considerations for dry cask storage and transportation systems, I encourage you to contact Earl Easton, at 301-492-3307 or Earl.Easton@nrc.gov. He is a Senior Level Advisor for the Division of Spent Fuel Storage and Transportation and will be more than happy to walk you through the regulations and discuss a number of activities in the industry today.

As with any business, the nuclear industry is always looking for ways to innovate. I hope that your studies do aid in the development of improved materials that will enhance the safe, secure and efficient storage and transport of spent nuclear fuel. It is the minds that have not yet been bounded that will keep this country on the cutting edge in a global economy. Thank you for your service.

Sincerely,

/RA/

Daniel H. Dorman, Acting Director
Office of Nuclear Material Safety
and Safeguards

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