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June 22, 2012  
Contract No. NRC-02-07-006  
Project No. 14014  
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ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Mr. Yawar Faraz  
Office of Nuclear Material Safety and Safeguards  
Division of Spent Fuel Alternative Strategies/PMB  
11555 Rockville Pike  
Mail Stop: EBB-E2B2  
Rockville, MD 20852

Subject: AI 14014.01.001.235: Subtask B1: Draft Report—Availability of Reliability Data For Aqueous Reprocessing

Dear Mr. Faraz:

This letter documents completion of the subject intermediate milestone prepared as part of the Quantitative Hazards Methods Development in Support of the DOE/NRC Interagency Agreement. The deliverable comprises one Microsoft® Word file contained in the following SharePoint® folder:

Reprocessing Project > Quantitative Hazards > Subtask B1 > AI 14014.01.001.235

The document, "Availability of Reliability Data For Aqueous Reprocessing," contains a summary of the availability of hardware and human reliability data for use in analyzing safety and risk assessments for aqueous reprocessing. The report contains information collected from the open literature. The collection of reliability data is scheduled for fiscal year 2013. The final report will be completed after receiving feedback from the NRC staff.

If you have any questions regarding this report, please contact Dr. Biswajit Dasgupta at (210) 522-6815 or me at (210) 522-6640.

Sincerely yours,

Yi-Ming Pan, Ph.D.  
Program Manager  
Integrated Spent Fuel Regulatory Program  
for Reprocessing and Long-Term Storage of  
High-Level Waste and Spent Fuel

BDYP/bs

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