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Mr. Jack R. Davis
Deputy Director
Division of High-Level Waste Repository Safety
Office of Nuclear material Safety and Safeguards, NRC

Dear Mr. Davis:

I would like to appreciate your letter and interests on the work being done at the Korea Atomic Energy Research Institute. It was a great pleasure to present our research activities and share the information with your staff from the United States Nuclear Regulatory Commission (NRC). I hope that you and your staff enjoyed visiting facilities and meeting with the members of KAERI during the visit.

It was also very valuable experience to have a discussion on the technical topics such as potential degradation of spent nuclear fuel and cladding during extended dry storage or in a geologic repository environment with your staff. I learned with much interest that NRC is working to study the behavior of spent nuclear fuel under disposal and extended storage conditions and plan to develop better technical information to support future directions in U.S. policy for commercial spent nuclear fuel. It would be my pleasure to support the research and experiments for the matter. Regarding SIMFUEL purchase, you can contact with my colleagues who are currently working in the LWR Fuel Technology Division to further discuss about details of technical specification of the SIMFUEL pellets and any other required information such as cost and deliverables. Their contact information is Dr. Koo, Yang-Hun at yhkoo@kaeri.re.kr or Dr.Kim, Keon-Sik at keons@kaeri.re.kr.

I would welcome any opportunity to discuss collaboration and specifically share the results of the SIMFUEL experiments as you indicated between US NRC/CNWRA and KAERI. I believe that both organizations can benefit from a mutual and rewarding relationship including this research. I thank you again and look forward to collaborating for the research and experiments in near future.

Very truly yours,

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