

May 13, 2011

John W. Herczeg, Director  
Office of Fuel Cycle Research and Development  
U.S. Department of Energy  
Washington, DC 20585

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION'S REPORT TO THE U.S.  
DEPARTMENT OF ENERGY IN ACCORDANCE WITH THE INTERAGENCY  
AGREEMENT ON THE EXCHANGE OF INFORMATION RELATED TO  
ADVANCED FUEL CYCLE INCLUDING RECYCLING (TAC NO. L32388)

Dear Dr. Herczeg:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am providing the NRC's report on exchange of information related to the advanced fuel cycle, including the recycling of spent nuclear fuel, in accordance with the Interagency Agreement DE-AI01-07NE24496/005.

The report describes the NRC's activities conducted under the agreement between May 1, 2010 and April 30, 2011. Please note that under the terms of the agreement, this report is marked Official Use Only—Not for Public Disclosure.

The enclosed report addresses (1) an update on NRC activities related to potential revision of the regulatory framework for reprocessing, (2) a list of technology-related seminars, meetings and site visits in which NRC staff participated during the latest performance period, and (3) proposed future activities.

If you have any questions, please contact Yawar Faraz of my staff at (301) 492-3207 or via e-mail at yawar.faraz@nrc.gov.

Sincerely,

Catherine Haney, Director */RA/*  
Office of Nuclear Material Safety  
and Safeguards

Enclosure: As stated

cc: Richard Black, DOE  
Calvin Lee, DOE  
William McCaughey, DOE  
Robert Raczynski, DOE  
Monica Regalbuto, DOE

John W. Herczeg, Director  
 Office of Fuel Cycle Research and Development  
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\* via email

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