

July 21, 2009

Mr. Carter "Buzz" Savage, Director  
Office of Fuel Cycle R&D  
U.S. Department of Energy  
Washington, DC 20585

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

Dear Mr. Savage:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am providing the public version of NRC's report on exchange of information related to the recycling of spent nuclear fuel in accordance with the Interagency Agreement DE-AI01-07NE24496/001. The original report marked "Official Use Only" was provided to you on April 24, 2009 (Agencywide Document Access and Management System Accession No. ML091110466). The purpose of the report is to describe NRC's activities conducted under this interagency agreement for the period May 1, 2008 to April 30, 2009, and to provide the U.S. Department of Energy (DOE) regulatory insights into key safety, safeguards and security topics to inform DOE's Advanced Fuel Cycle Initiative's Research and Development Program.

If you have any questions, please contact Yawar Faraz of my staff at (301) 492-3207.

Sincerely,

**/RA/**

Daniel H. Dorman, Director  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Enclosure: As stated

cc: Richard Black, DOE  
Calvin Lee, DOE

Mr. Carter "Buzz" Savage, Director  
 Office of Fuel Cycle R&D  
 U.S. Department of Energy  
 Washington, DC 20585

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

Dear Mr. Savage:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am providing the public version of NRC's report on exchange of information related to the recycling of spent nuclear fuel in accordance with the Interagency Agreement DE-AI01-07NE24496/001. The original report marked "Official Use Only" was provided to you on April 24, 2009 (Agencywide Document Access and Management System Accession No. ML091110466). The purpose of the report is to describe NRC's activities conducted under this interagency agreement for the period May 1, 2008 to April 30, 2009, and to provide the U.S. Department of Energy (DOE) regulatory insights into key safety, safeguards and security topics to inform DOE's Advanced Fuel Cycle Initiative's Research and Development Program.

If you have any questions, please contact Yawar Faraz of my staff at (301) 492-3207.

Sincerely,  
**/RA/**

Daniel H. Dorman, Director  
 Division of Fuel Cycle Safety  
 and Safeguards  
 Office of Nuclear Material Safety  
 and Safeguards

Enclosure: As stated

cc: Richard Black, DOE  
 Calvin Lee, DOE

DISTRIBUTION:

FCSS r/f

A. Murray, NMSS	A. Pessin, OGC	M. Bailey, NMSS	P. Silva, NMSS
D. Brown, FSME	D. Huang, NMSS	G. Pangburn, FSME	J. Donoghue, NRO
L. Harris, NSIR	M. Shah, NMSS	T. Marenchin, NMSS	K. Markham, NMSS
B. Purnell, NMSS	P. Reed, RES	T. Pham, NMSS	G. Suber, FSME
W. Reckley, NRO	M. Williams, NMSS	J. Volglewede, RES	L. Camper, FSME
M. Sampson, NMSS	J. Flack, ACRS	B. DuBose, NMSS	B. Jones, OGC
RidsEDOMailCenter	RidsNMSSOD	M. Layton, NSIR	

**ML091830054**

OFC	FCSS/AFCB	FCSS/MB	FCSS/MB	FCSS
NAME	YFaraz	CGibbs	THiltz	DDorman
DATE	07/7/09	07/09/09	07/10/09	07/21/09

**OFFICIAL RECORD COPY**