

September 28, 2007

MEMORANDUM TO: Farouk Eltawila, Director
Division of Risk Assessment and Special Projects **/RA/**
Office of Nuclear Regulatory Research

FROM: E. William Brach, Director
Division of Spent Fuel Storage and Transportation
Office of Nuclear Materials Safety and Safeguards

SUBJECT: COMMENTS ON OAK RIDGE NATIONAL LABORATORY DRAFT
NUREG/CR REPORTS ASSOCIATED WITH HIGH BURNUP
FUEL DECAY HEAT AND ISOTOPIC VALIDATION

Attached are comments from Division of Spent Fuel Storage and Transportation (SFST) staff regarding the following Oak Ridge National Laboratory (ORNL) reports:

1. "Analysis of Experimental Data for High Burnup PWR Spent Fuel Isotopic Validation - Calvert Cliffs, Takahama, and Three Mile Island Reactors"
2. "Analysis of Experimental Data for High Burnup PWR Spent Fuel Isotopic Validation - ARIANE and REBUS International UOX Fuel Programs"
3. "Analysis of Experimental Data for High Burnup PWR Spent Fuel Isotopic Validation - Vandellos II Reactor"
4. "Evaluation of Uncertainties in Predicted Isotopic Compositions for High Burnup PWR Spent Nuclear Fuel"
5. "Validation of SCALE 5 Decay Heat Predictions for LWR Spent Nuclear Fuel"
6. "Spent Fuel Decay Heat Measurements Performed at the Swedish Central Interim Storage Facility"

This is in response to the Memorandum from the Office of Nuclear Regulatory Research dated June 21, 2007.

Enclosure:
As stated

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OFC	SFST	SFST	SFST	SFST	SFST	
NAME	ABarto	CWithee	ZLi	NJordan	MCall	
DATE	9/26/07	9/26/07	9/25/07	9/26/07	9/26/07	
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NAME	MPanicker	LCampbell	DCoe	EHackett	EWBrach	
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