

August 03, 2007

MEMORANDUM TO: Vonna L. Ordaz  
Assistant for Operations  
Office of the Executive Director for Operations

FROM: Jennifer L. Uhle, Director **/RA/**  
Division of Fuel, Engineering and Radiological Research  
Office of Nuclear Regulatory Research

SUBJECT: PAPERS AND PRESENTATIONS AT THE 19<sup>th</sup> STRUCTURAL  
MECHANICS IN REACTOR TECHNOLOGY CONFERENCE IN  
TORONTO, CANADA, AUGUST 12 - 17, 2007

In accordance with Management Directive 3.9 and subsequent Office of Executive Director for Operations (EDO) guidance, the information provided below concerns three papers and associated presentations which will be given to participants in the 19<sup>th</sup> Structural Mechanics in Reactor Technology Conference (SMiRT-19) to be hosted in Toronto, Canada on August 12 thru 17, 2007. The papers and presentations do not contain new or unresolved policy issues or involve broad foreign policy implication issues. This information is for your transmittal to the Commission Assistants.

Meeting: 19<sup>th</sup> Structural Mechanics in Reactor Technology Conference  
Place: Toronto, Canada  
Dates: August 12-17, 2007

1. Paper and Presentation:  
Authors: Jim Xu, Carl Costantino, Charles Hofmayer, and Herman L. Graves  
Title: Overview on BNL Assessment of Seismic Analysis Methods for Deeply Embedded NPP Structures
2. Paper and Presentation:  
Authors: Jinsuo Nie, Jim Xu, Carl Costantino, and Vaughn V. Thomas  
Title: Overview of Development of P-CARES: Probabilistic Computer Analysis for Rapid Evaluation of Structures
3. Paper and Presentation:  
Author: Abdul H. Sheikh

V. Ordaz

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Title: A Simplified Approach for Predicting Containment Performance During a Severe Accident

Enclosures:

1. Paper 1 w/Presentation Pkg 1
2. Paper 2 w/Presentation Pkg 2
3. Paper 3 w/Presentation Pkg 3

Title: A Simplified Approach for Predicting Containment Performance During a Severe Accident

Enclosures:

- 1. Paper 1 w/Presentation Pkg 1
- 2. Paper 2 w/Presentation Pkg 2
- 3. Paper 3 w/Presentation Pkg 3

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Memo ML072110341  
 Encl.1 ML072110536  
 Presentation ML072140276  
 Encl.2 ML072110532  
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 Encl.3 ML071360461  
 Presentation ML072110546

DOCUMENT NAME:C:\FileNet\ML072110341.wpd

OAR in ADAMS? (Y or N) Y ADAMS ACCESSION NO.: **Pkg.ML072110338** TEMPLATE NO. RES- 006

Publicly Available? (Y or N) Y DATE OF RELEASE TO PUBLIC 08/03/2007 SENSITIVE? N

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