

APR 11 1994

To those on the attached list

SUBJECT: ACCELERATIONS EXPERIENCED BY A DRY STORAGE CASK DURING A CREDIBLE HANDLING ACCIDENT

Over the last 18 months, the Nuclear Regulatory Commission staff has conducted a study to quantify the reaction of a concrete surface during a credible drop accident. With the assistance of British Nuclear Fuels Ltd., the Electric Power Research Institute, Lawrence Livermore National Laboratories, Sandia National Laboratories, Science Applications International Corporation, Inc., and the NUHOMS Owners Group, the acquisition of data is now complete. I am enclosing a set of the results of the study.

This data is currently undergoing review by NRC staff. In the past, some of you expressed an interest in performing your own assessment. If you wish to contribute, please send your comments, by June 15, 1994, to U.S. Nuclear Regulatory Commission, ATTN: Michael G. Raddatz M/S 6-H-3, Washington DC, 20555. If you have any questions, please call me at (301) 504-2571.

Sincerely,

Original Signed by

Michael G. Raddatz, Project Manager  
Irradiated Fuel Section  
Storage and Transport Systems Branch  
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Medical Nuclear Safety

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PDR TOPRP EXISANL  
B PDR

Enclosure: As stated  
cc: Attached List

Most of you should have received the computer disk that contains the actual trace data, if you have not, and you desire one, please send me a blank formatted 150 Meg bernoulli disk, and I will see to it you receive the data.

NRC Central File, NMSS R/F STSB R/F IMIF R/F RChappell HLee  
RShewmaker PDR

OFC	IMIF	C	IMIF	C	IMIF	C	STSB	at U				
NAME	MRaddatz:jc:fb		FBrown		FSturz		CJHaughney					
DATE	4/11/94		4/11/94		4/11/94		4/11/94					

RETURN TO REGULATORY CENTRAL FILES

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x PTC-1-3  
x MHTS-16-5

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