

June 18, 2002

MEMORANDUM TO: Daniel Dorman, Chief  
Engineering Research Applications Branch  
Division of Engineering Technology  
Office of Nuclear Regulatory Research

FROM: John Flack, Chief */RA/*  
Regulatory Effectiveness Assessment and Human Factors Branch  
Division of Systems Analysis and Regulatory Effectiveness  
Office of Nuclear Regulatory Research

SUBJECT: GENERIC ISSUE 194: IMPLICATIONS OF UPDATED  
PROBABILISTIC SEISMIC HAZARD ESTIMATES

The Regulatory Effectiveness Assessment and Human Factors Branch (REAHFB) has reviewed the information on the proposed generic issue submitted in your June 6, 2002, memorandum addressing the concern for the seismic design bases of all nuclear power plants in and around the East Tennessee Seismic Zone, based on the new composite seismicity model for the region. REAHFB has concluded that adequate information has been provided for an initial screening of the issue to begin, in accordance with the guidelines outlined in Management Directive 6.4, "Generic Issues Program." Accordingly, the issue has been assigned the number 194 for tracking purposes.

The RES screening may require estimating: (1) the safety benefit of the issue; and (2) the cost of developing and implementing a solution. REAHFB will need to consult with the DET contacts Sada Pullani and Andrew Murphy on an ongoing basis in the collection and explanation of the information generated so far on the subject. It is expected that our screening will be completed by the end of December 2002. All questions on the status of the GSI should be directed to Ronald C. Emrit, 415-6447.

MEMORANDUM TO: Daniel Dorman, Chief  
Engineering Research Applications Branch  
Division of Engineering Technology  
Office of Nuclear Regulatory Research

FROM: John Flack, Chief  
Regulatory Effectiveness Assessment and Human Factors Branch  
Division of Systems Analysis and Regulatory Effectiveness  
Office of Nuclear Regulatory Research

SUBJECT: GENERIC ISSUE 194: IMPLICATIONS OF UPDATED  
PROBABILISTIC SEISMIC HAZARD ESTIMATES

The Regulatory Effectiveness Assessment and Human Factors Branch (REAHFB) has reviewed the information on the proposed generic issue submitted in your June 6, 2002, memorandum addressing the concern for the seismic design bases of all nuclear power plants in and around the East Tennessee Seismic Zone, based on the new composite seismicity model for the region. REAHFB has concluded that adequate information has been provided for an initial screening of the issue to begin, in accordance with the guidelines outlined in Management Directive 6.4, "Generic Issues Program." Accordingly, the issue has been assigned the number 194 for tracking purposes.

The RES screening may require estimating: (1) the safety benefit of the issue; and (2) the cost of developing and implementing a solution. REAHFB will need to consult with the DET contacts Sada Pullani and Andrew Murphy on an ongoing basis in the collection and explanation of the information generated so far on the subject. It is expected that our screening will be completed by the end of December 2002. All questions on the status of the GSI should be directed to Ronald C. Emrit, 415-6447.

Distribution:  
REAHFB R/F  
DSARE R/F  
AThadani/JStrosnider  
CAder  
Jlbarra  
PNorian  
FEltawila  
MMayfield

C:\ORPCheckout\FileNET\ML021690686.wpd

OAD in ADAMS? (Y or N) Y ADAMS ACCESSION NO.: ML021690686 TEMPLATE NO. RES-006  
Publicly Available? (Y or N) Y DATE OF RELEASE TO PUBLIC 6/24/02 SENSITIVE? N

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

\* See Previous Concurrence

OFFICE	REAHFB	C	REAHFB	C	C:REAHFB	C
NAME	REmrit:ecm:dfw		HVandermolen		JFlack	
DATE	06/17/02*		06/17/02*		06/18/02*	