

RAS 5672

72-22-ISFSI - State Exhibit 202-Rec'd 6/5/02

**Topical Report : Preclosure Seismic Design Methodology for a Geologic Repository  
at Yucca Mountain**

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Yucca Mountain Site Characterization Project

DOCKETED  
USNRC



**TOPICAL REPORT YMP/TR-003-NP**

2003 JAN 31 PM 2:18

OFFICE OF THE SECRETARY  
RULEMAKINGS AND  
ADJUDICATIONS STAFF

**PRECLOSURE SEISMIC DESIGN  
METHODOLOGY FOR A GEOLOGIC  
REPOSITORY AT YUCCA MOUNTAIN**

Revision 2

**NUCLEAR REGULATORY COMMISSION**

Docket No. \_\_\_\_\_ Official Exh. No. 202  
In the matter of PFS  
Staff \_\_\_\_\_ IDENTIFIED ✓  
Applicant \_\_\_\_\_ RECEIVED ✓  
Intervenor ✓ REJECTED \_\_\_\_\_  
Other \_\_\_\_\_ WITHDRAWN \_\_\_\_\_  
DATE 060502 Witness Arabas  
Clerk SmS

August 1997

U.S. Department of Energy  
Office of Civilian Radioactive Waste Management  
North Las Vegas, NV 89036

Template = SECY-028

SECY-02  
State EX 202

Table C-2. Summary of Composite Mean Exceedance Probabilities for Nuclear Power Plants in the Western United States

Plant Name	Composite Mean Exceedance Probability
Diablo Canyon	$\approx 1.7\text{E} - 04 / \text{yr}$
Palo Verde	$3.8\text{E} - 05 / \text{yr}$
San Onofre	$3.0\text{E} - 04 / \text{yr}$
Washington Nuclear Plant 2	$2.8\text{E} - 04 / \text{yr}$
Washington Nuclear Plant 3	$>2.2\text{E} - 04 / \text{yr}$
Sample Mean	$>2.0\text{E} - 04 / \text{yr}$
Sample Median	$>2.2\text{E} - 04 / \text{yr}$