

October 5, 1989

The Honorable John B. Breaux, Chairman Subcommittee on Nuclear Regulation Committee on Environment and Public Works United States Senate Washington DC 20510

Dear Mr. Chairman:

Enclosed for the information of the Subcommittee on Nuclear Regulation are copies of documents which describe the NRC's final resolution of Unresolved Safety Issue (USI) A-40, "Seismic Design Criteria." Included in the resolution package are:

- Revision 2 to cortain portions of NUREG-0800, the Standard Review Plan (SRP)--the revised SRP sections being Sections 2.5.2 (Vibratory Ground Motion), 3.7.1 (Seismic Design Parameters), 3.7.2 (Seismic System Analysis), and 3.7.3 (Seismic Subsystem Analysis);
- NUREG-1233, "Regulatory Analysis for USI A-40, Seismic Design Criteria"; and
- NUREG/CR-5347, "Recommendations for Resolution of Public Comments on USI A-40."

USI A-40 was identified as an Unresolved Safety Issue in NUREG-0410 dated January 1978 which was submitted to the Congress in response to the Energy Reorganization Act of 1974 which was amended on December 13, 1977 (PL 95-209) to include, among other things, a new section 210 which required specification and analysis of unresolved safety issues.

The staff concluded from its A-40 investigations that certain sections of the SRP should be revised. These revisions to the specific sections of the SRP are intended to be used in review of new construction permits and operating license applications. In addition to the SRP revisions, the staff is also undertaking a review of large above-ground vertical tanks at six operating nuclear plants. A typical letter requesting information for that review is provided as Enclosure 5. These letters have been issued to the affected licensees. If the information requested indicates that large above-ground tanks do not meet the new criteria, plant-specific backfit will be considered.

The staff is issuing the NUREG reports and the SRP sections and has prepared a Federal Register Notice regarding these issuances. A copy of the Notice and Summary Statement is enclosed.

Sincerely.

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Eric S. Beckjord, Director Office of Nuclear Regulatory Research

Enclosures: See following page

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- Revision 2 to the SRP Sections 2.5.2, 3.7.1, 3.7.2, 3.7.3 NUREG-1233 NUREG/CR-5347 Federal Register Notice Typical Information Letter on Tanks 1.
- 2.3.4.

- 5.
- cc (w/encls): Senator Alan K. Simpson

Encl	osures:				
1.	Revision 2	to the	SRP Se	ctions	
	2.5.2, 3.7	.1. 3.7	.2, 3.7	.3	
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	NUREG-1233 NUREG/CR-5	347			
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October 5, 1989

The Honorable Philip R. Sharp, Chairman Subcommittee on Energy and Power Committee on Energy and Commerce United States House of Representatives Washington DC 20515

Dear Mr. Chairman:

Enclosed for the information of the Subcommittee on Energy and Power are copies of documents which describe the NRC's final resolution of Unresolved Safety Issue (USI) A-40, "Seismic Design Criteria." Included in the resolution package are:

- Revision 2 to certain portions of NUREG-0800, the Standard Review Plan (SRP)--the revised SRP sections being Sections 2.5.2 (Vibratory Ground Motion), 3.7.1 (Seismic Design Parameters), 3.7.2 (Seismic System Analysis), and 3.7.3 (Seismic Subsystem Analysis);
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Erir S. Beckjord, Director Office of Nuclear Regulatory Research

1.	Revision 2 to the SRP Sections
	2.5.2, 3.7.1, 3.7.2, 3.7.3
2.	NUREG-1233
2. 3. 4. 5.	NUREG/CR-5347
4.	Federal Register Notice Typical Information Letter on Tanks
5.	Typical Information Letter on Tanks
	w/ercls): Representative Carlos J. Moorhead

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2.5.2, 3.7.1, 3.7.2, 3.7.3
2. NUREG-1233
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4. Federal Register Notice
<ol> <li>NUREG-1233</li> <li>NUREG/CR-5347</li> <li>Federal Register Notice</li> <li>Typical Information Letter on Tanks</li> </ol>
cc (w/encls): Representative Carlos J. Moorhead
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EIB r/f
E. Beckjord
T. Speis
W. Houston
W. Minners
R. Baer
D. Thatcher

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October 5, 1989

The Honorable J. Bennett Johnston, Chairman Subcommittee on Energy and Water Development Committee on Appropriations United States Senate Washington DC 20510

Dear Mr. Chairman:

Enclosed for the information of the Subcommittee on Energy and Water Development are copies of documents which describe the NRC's final resolution of Unresolved Sufety Issue (USI) A-40, "Seismic Design Criteria." Included in the resolution package are:

- Revision 2 to certain portions of NUREG-0800, the Standard Review Plan (SRP)--the revised SRP sections being Sections 2.5.2 (Vibratory Ground Motion), 3.7.1 (Seismic Design Parameters), 3.7.2 (Seismic System Analysis), and 3.7.3 (Seismic Subsystem Analysis);
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Eric S. Beckjord, Director Office of Nuclear Regulatory Research

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	(w/encls): Senator Mark O. Hatfield
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October 5, 1989

The Honorable Morris K. Udall, Chairman Subcommittee on Energy and the Environment Committee on Interior and Insular Affairs United States House of Representatives Washington DC 20515

Dear Mr. Chairman:

Enclosed for the information of the Subcommittee on Energy and the Environment are copies of documents which describe the NRC's final resolution of Unresolved Safety Issue (USI) A-40, "Seismic Design Criteria." Included in the resolution package are:

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Eric S. Beckjord, Director Office of Nuclear Regulatory Research

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- cc (w/encls): Representative James V. Hansen

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October 5, 1989

The Honorable Mile Synar, Chairman Subcommittee on Environment, Energy and Natural Resources Committee on Government Operations United States House of Representatives Washington DC 20515

Dear Mr. Chairman:

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- cc (w/encls): Representative William F. Clinger, Jr.

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