



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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:

1. 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);
2. NUREG-1233, "Regulatory Analysis for USI A-40, Seismic Design Criteria"; and
3. 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,

Eric S. Beckjord
Eric S. Beckjord, Director
Office of Nuclear Regulatory Research

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PDR @TECI @SCA-40
PDR

Enclosures: See following page

FULL TEXT ASCII SCAN

Enclosures:

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

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

Enclosures:

- 1. Revision 2 to the SRP Sections
2.5.2, 3.7.1, 3.7.2, 3.7.3
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cc (w/encls): Senator Alan K. Simpson

Distribution

- RES Chron
- RES Circ
- EIB r/f
- E. Beckjord
- T. Speis
- W. Houston
- W. Minners
- R. Baer
- D. Thatcher
- K. Shaukat

[USI A40 LTR/SEN BREAUX]

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NAME: KShaukat/mb:DThatcher	RBaer	WMinners	WHouston	TSpeis	EBeckjord	DRathbun	
DATE: 09/25/89	09/27/89	09/27/89	09/27/89	09/27/89	09/27/89	09/27/89	10/5/89

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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:

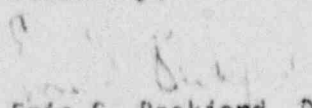
1. Revision 2 to certain portions of NUREG-0800, the Standard Review Plan (SRP)--the revised SRP sections being Sections 2.5.2 (Vibratory Ground Motion), 3.7.1 (Seismic Design Parameters), 3.7.2 (Seismic System Analysis), and 3.7.3 (Seismic Subsystem Analysis);
2. NUREG-1233, "Regulatory Analysis for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

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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.

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Sincerely,


Eric S. Beckjord, Director
Office of Nuclear Regulatory Research

Enclosures: See following page

Enclosures:

1. Revision 2 to the SRP Sections
2.5.2, 3.7.1, 3.7.2, 3.7.3
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cc (w/encls): Representative Carlos J. Moorhead

Enclosures:

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[USI A40 LTR/CONG SHARP]

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NAME: KShaukat/mb	DThatcher	RBaer	WMinners	WHouston	TSpeis	EBeckjord	DRathbun
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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 Safety Issue (USI) A-40, "Seismic Design Criteria." Included in the resolution package are:

1. 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);
2. NUREG-1233, "Regulatory Analysis for USI A-40, Seismic Design Criteria"; and
3. 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,

A handwritten signature in dark ink, appearing to read "Eric S. Beckjord".

Eric S. Beckjord, Director
Office of Nuclear Regulatory Research

Enclosures: See following page

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cc (w/encls): Senator Mark O. Hatfield

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[USI A40 LTR/SEN JOHNSTON]

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UNITED STATES
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WASHINGTON, D. C. 20555

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:

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

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[USI A40 LTR/CONG UDALL]

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

October 5, 1989

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

Dear Mr. Chairman:

Enclosed for the information of the Subcommittee on Environment, Energy and Natural Resources 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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cc (w/encls): Representative William F. Clinger, Jr.

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[USI A40 LTR/CONG SYNAR]

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