



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

October 4, 1989

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

Dear Mr. Chairman:

Enclosed for the information of the Subcommittee on Energy and the Environment is the NRC's resolution of Unresolved Safety Issue (USI) A-47, "Safety Implications of Control Systems." The resolution consists of two final reports entitled "Evaluation of Safety Implications of Control Systems in LWR Nuclear Power Plants - Technical Findings Related to USI A-47" (NUREG-1217) and "Regulatory Analysis for Resolution of USI A-47" (NUREG-1218).

The proposed resolution and the draft NUREG reports were published for public comment on May 27, 1988. All the comments received were addressed and are summarized in Appendix C of NUREG-1217.

USI A-47 was identified as an Unresolved Safety Issue in the NRC 1980 Annual Report pursuant to Section 210 of the Energy Reorganization Act of 1974 as amended on December 13, 1977.

The staff concluded from its A-47 investigations that certain actions should be taken to further enhance safety in LWR plants. These actions recommend that plants (1) provide systems to protect against reactor vessel/steam generator overflow events and to prevent steam generator dryout, (2) include in their plant procedures and their Technical Specifications provisions to periodically verify the operability of these systems, and (3) modify selected emergency procedures to ensure safe plant shutdown following a small-break loss-of-coolant accident. The actions apply to a limited number of plants for which enhanced protection is warranted.

To implement this resolution, the staff will issue a generic letter to all LWR plants requesting that these actions be implemented within a prescribed schedule.

Sincerely,

Dennis K. Rathbun, Director  
Congressional Affairs  
Office of Governmental and  
Public Affairs

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PDR

- Enclosures:
1. NUREG-1217
  2. NUREG-1218
  3. Federal Register Notice

FULL TEXT ASCII SCAN

cc: w/encl: Rep. William F. Clinger, Jr.

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

October 4, 1989

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

Dear Mr. Chairman:

Enclosed for the information of the Subcommittee on Energy and the Environment is the NRC's resolution of Unresolved Safety Issue (USI) A-47, "Safety Implications of Control Systems." The resolution consists of two final reports entitled "Evaluation of Safety Implications of Control Systems in LWR Nuclear Power Plants - Technical Findings Related to USI A-47" (NUREG-1217) and "Regulatory Analysis for Resolution of USI A-47" (NUREG-1218).

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Dennis K. Rathbun, Director  
Congressional Affairs  
Office of Governmental and  
Public Affairs

Enclosures:

1. NUREG-1217
2. NUREG-1218
3. Federal Register Notice

cc: w/encl: Sen. Mark O. Hatfield



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

October 4, 1989

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

Dear Mr. Chairman:

Enclosed for the information of the Subcommittee on Energy and the Environment is the NRC's resolution of Unresolved Safety Issue (USI) A-47, "Safety Implications of Control Systems." The resolution consists of two final reports entitled "Evaluation of Safety Implications of Control Systems in LWR Nuclear Power Plants - Technical Findings Related to USI A-47" (NUREG-1217) and "Regulatory Analysis for Resolution of USI A-47" (NUREG-1218).

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Dennis K. Rathbun, Director  
Congressional Affairs  
Office of Governmental and  
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cc: w/encl: Sen. Alan K. Simpson



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

October 4, 1989

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

Dear Mr. Chairman:

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The staff concluded from its A-47 investigations that certain actions should be taken to further enhance safety in LWR plants. These actions recommend that plants (1) provide systems to protect against reactor vessel/steam generator overfill events and to prevent steam generator dryout, (2) include in their plant procedures and their Technical Specifications provisions to periodically verify the operability of these systems, and (3) modify selected emergency procedures to ensure safe plant shutdown following a small-break loss-of-coolant accident. The actions apply to a limited number of plants for which enhanced protection is warranted.

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Dennis K. Rathbun, Director  
Congressional Affairs  
Office of Governmental and  
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cc: w/enc1: Rep. Carlos J. Moorhead



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

October 4, 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, D. C. 20515

Dear Mr. Chairman:

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cc: w/encl: Rep. James V. Hansen