



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, D. C. 20555

ACRSR-1415

January 14, 1991

Mr. James M. Taylor
Executive Director for Operations
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Taylor:

SUBJECT: PROPOSED RESOLUTION OF GENERIC SAFETY ISSUE 29, "BOLTING DEGRADATION OR FAILURE IN NUCLEAR POWER PLANTS"

During the 369th meeting of the Advisory Committee on Reactor Safeguards, January 10-11, 1991, we reviewed the NRC staff's proposed resolution of Generic Safety Issue 29, "Bolting Degradation or Failure in Nuclear Power Plants." Our Subcommittee on Materials and Metallurgy also reviewed this matter during its meeting on January 9, 1991. During this review, we had the benefit of the documents referenced and of discussions with representatives of the NRC staff.

The proposed resolution deals with implementation of a plant-wide bolting integrity program with emphasis on safety systems. The staff's basis for the proposed resolution is described in NUREG-1339. This program has several parts. Some parts involve NRC actions, but most stem from an industry program that is summarized in Electric Power Research Institute report EPRI NP-5769, Volumes 1 and 2.

We agree with the staff that NUREG-1339 provides a satisfactory basis for the proposed resolution of this Generic Safety Issue. The NRC staff has not yet agreed on the method of implementation for this resolution. We withhold final comment on this issue until it is clear what path the NRC staff chooses to follow.

Sincerely,

David A. Ward
Chairman

References:

1. Memorandum dated December 4, 1990 from Warren Minners, Office of Nuclear Regulatory Research, to Raymond F. Fraley, Advisory Committee on Reactor Safeguards, Subject: Proposed Resolution of GSI-29, "Bolting Degradation or Failure in Nuclear Power Plants."

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2. U.S. Nuclear Regulatory Commission, NUREG-1339, "Resolution of Generic Safety Issue 29: Bolting Degradation or Failure in Nuclear Power Plants," June 1990.
3. Electric Power Research Institute, EPRI NP-5769, Volumes 1 and 2, "Degradation and Failure of Bolting in Nuclear Power Plants," April 1988.



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January 16, 1991

NOTE TO: Donald H. Lanham, Acting Chief
Docketing and Document Control Desk Section
Document Control Branch

FROM: Ethel M. Barnard
Advisory Committee on Reactor Safeguards

SUBJECT: PLACEMENT OF "FULL TEXT" ACRS DOCUMENTS ON NUDOCs

In accordance with direction from Jim Blanton, I have attached the following documents for "full text" processing through the NUDOCs system:

ACRSR-1415 - Ward ltr to Taylor, Proposed Resolution of Generic Safety
Issue 29, "Bolting Degradation or Failure in Nuclear Power
Plants", dtd 1/14/91

ACRSR-1416 - Ward ltrs to Quayle & Foley re ACRS Report to Congress
on NRC Safety Research Program, dtd 1/15/91

Also enclosed is a 3 1/2" diskette containing the "electronic text" of the documents. The documents are in "WORDPERFECT" format. Your signature in the space below, will serve as confirmation of receipt of the "Hard Copy" and "Electronic Copy". Please return a copy of this note to me at Mail Stop P-315. If you have any questions concerning this matter, please feel free to contact me on x27691.

Ethel M. Barnard, ACRS

Received by Donald H. Lanham:

Signature: _____ Date: _____