



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

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Generic Task No. A-10

MAY 22 1980

The Honorable Gary Hart
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 Nuclear Regulation is the "For Comment" edition of NUREG-0619, "BWR Feedwater Nozzle and Control Rod Drive Return Line Nozzle Cracking". This report provides the staff's resolution of the NRC's Generic Technical Activity A-10, which had been declared an "Unresolved Safety Issue" pursuant to Section 210 of the Energy Reorganization Act of 1974. NUREG-0619 describes the technical issues, the technical studies and analyses performed by the General Electric Company and the NRC staff, the staff's technical positions based on these studies, and the staff's plans for continued implementation of its technical positions.

We intend to issue NUREG-0619 for a 60 day public comment period. Also enclosed for your information is a Federal Register Notice we have issued on this matter.

Sincerely,

A handwritten signature in cursive script that reads "Harold R. Denton".

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosures:

1. NUREG-0619
2. Federal Register Notice

cc: The Honorable Alan Simpson

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NUCLEAR REGULATORY COMMISSION
NUREG-0619
NOTICE OF ISSUANCE AND AVAILABILITY
BWR FEEDWATER NOZZLE AND CONTROL ROD
DRIVE RETURN LINE NOZZLE CRACKING

A task group with members from the Nuclear Regulatory Commission (NRC) staff has prepared a report entitled "BWR Feedwater Nozzle and Control Rod Drive Return Line Nozzle Cracking" (NUREG-0619), dated April 1980. The report provides the staff's resolution of the NRC's Generic Technical Activity A-10, which was an "Unresolved Safety Issue" pursuant to Section 210 of the Energy Reorganization Act of 1974.

The generic study resulted from the inservice discovery of cracking in feedwater nozzles and control rod drive return line nozzles.

NUREG-0619 describes the technical issues, the technical studies and analyses performed by the General Electric Company and the NRC staff, the staff's technical positions based on these studies, and the staff's plans for continued implementation of its technical positions.

The NRC staff has concluded, in the case of the feedwater nozzles, that the combination of nozzle clad removal, installation of triple sleeve spargers designed by General Electric (or others with satisfactory characteristics), procedural changes, and systems changes where deemed necessary, will assure t crack growth. However,

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