

# GENERAL ELECTRIC

NUCLEAR ENERGY  
PROJECTS DIVISION

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MFN-191-79

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U.S. Nuclear Regulatory Commission  
Division of Operating Reactors  
Office of Nuclear Reactor Regulation  
Washington, D.C. 20555

Attention: Dr. S.H. Hanauer  
Director of Unresolved Safety Issues

Subject: ATWS GENERIC ANALYSIS FOR BWR/3 AND VERMONT YANKEE

- References:
- 1) Letter, R.J. Mattson to G.G. Sherwood, 2/15/79.
  - 2) Letter, D.L. Butcher to L.O. DelGeorge (Commonwealth Edison Company), 7/16/79.
  - 3) Letter, G.H. Scott to L.O. Mayer (Northern States Power Company), 7/16/79.
  - 4) Letter, R.F. Thibault to G.C. Andognini (Boston Edison Company), 7/16/79.
  - 5) Letter, R.F. Thibault to R. McGuinness (Northeast Utilities Service Company), 7/16/79.
  - 6) Letter, R.F. Thibault to W.F. Conway (Vermont Yankee Nuclear Power Corporation), 7/16/79.

In March 1979, the BWR/3 Owners and Vermont Yankee requested General Electric to provide documentation, consistent with Reference (1) to serve as a basis for a rule to resolve the Anticipated Transient Without Scram (ATWS) issue. The attached copies of the report "Assessment of BWR/3 Mark I Mitigation of ATWS in Response to NUREG 0460", (NEDE 21669), provide an assessment of the ATWS mitigation capability for a typical BWR/3 assuming NUREG 0460 Alternate #2 modifications. This work was performed under contract with the addressees given in Reference (2-6) and any questions should be addressed to the respective utilities.

Very truly yours,

*R.H. Buchholz*

R.H. Buchholz, Manager  
BWR Systems Licensing

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