

# GENERAL ELECTRIC

NUCLEAR POWER SYSTEMS DIVISION

GENERAL ELECTRIC COMPANY • 175 CURTNER AVENUE • SAN JOSE, CALIFORNIA 95125

MFN-048-84

April 20, 1984

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

Attention: Mr. D.G. Eisenhut, Director  
Division of Licensing

Gentlemen:

SUBJECT: IN THE MATTER OF 238 NUCLEAR ISLAND GENERAL ELECTRIC  
STANDARD SAFETY ANALYSIS REPORT (GESSAR II)  
DOCKET NO. STN 50-447

GE PROPOSED EVALUATION PLAN FOR CONSIDERATION OF PROPOSED  
DESIGN MODIFICATIONS

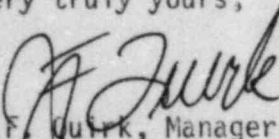
Reference: C.O. Thomas (NRC) letter to G.G. Sherwood, Subject:  
Request for Additional Information Regarding the Severe  
Accident Review of GESSAR II, April 13, 1984

In reference 1, GE is being required to consider proposed design  
modifications as a condition of closing the GESSAR II Severe Accident  
review.

It is General Electric's intent to evaluate design modifications,  
including those in the referenced memorandum, and to formally submit  
that evaluation to the NRC. The proposed modifications will be  
qualitatively screened using information from the GESSAR II  
Probabilistic Risk Assessment, previous internal GE studies and  
available NRC guidance (such as NUREG/CR-3385, "Measures of Risk  
Importance and Their Applications," July 1983). It is our intent to  
prepare a draft report by mid-April and to discuss the evaluations with  
the Staff on May 1, 1984. Based on the outcome of that meeting, more  
detailed quantitative evaluations would be performed on a selected set  
of proposed design modifications.

If there are any questions on this approach, please contact me or Mr.  
Kevin Holtzclaw (408) 925-2506.

Very truly yours,

  
J.F. Quirk, Manager  
BWR Systems Licensing  
Nuclear Safety & Licensing Operation

cc: F.J. Miraglia (NRC) B. Hardin (NRC)  
D.C. Scaletti (NRC) L.S. Gifford (GE-Bethesda)  
A. Thadani (NRC) R. Villa  
C.O. Thomas (NRC)

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