

GENERAL  ELECTRIC

NUCLEAR POWER

SYSTEMS DIVISION
MFN-002-83

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January 14, 1983

U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Division of Licensing
Washington, DC 20555

Attention: D. B. Vassallo, Chief
Operating Reactors Branch No. 2

Gentlemen:

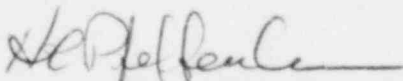
SUBJECT: SUPPRESSION POOL TEMPERATURE EVALUATION FOR MARK I PLANTS

This letter formally transmits copies of the viewgraphs, see Attachment 1, for the presentation on Suppression Pool Temperature Evaluation for Mark I Plants, given during the Mark I/NRC meeting on December 17, 1982.

The presentation, made by GE on behalf of the Mark I Owners Group, detailed the overall conservatism of the suppression pool temperature evaluation process, including the conservative application of TPOOL, and elaborated on the sufficient data base used to qualify TPOOL. TPOOL is the model used to calculate suppression pool local temperature. This calculated local temperature is used to enable the Mark I Owners to demonstrate compliance with NUREG-0661 and NUREG-0783. The presentation responded to the NRC concerns raised at the previous Mark I/NRC meeting on September 10, 1982.

As a result of the presentation, the NRC agreed that no further effort needs to be expended regarding the qualification of TPOOL. Jack Kudrick concluded that the NRC accepts TPOOL for use, given the overall conservative perspective of the suppression pool temperature evaluation process.

Very truly yours,



H. C. Pfefferlen, Manager
BWR Licensing Programs
Nuclear Safety and Licensing Operation

HCP:hmm/D01058

Attachment

cc: L. S. Gifford (GE-Bethesda)
J. Kudrick (NRC)

B. Siegel (NRC)
F. Eltawila (NRC)

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