

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 175 CURTNER AVENUE, SAN JOSE, CALIFORNIA 95114
Phone (408) 297-3000, TWX NO. 910-338-0116

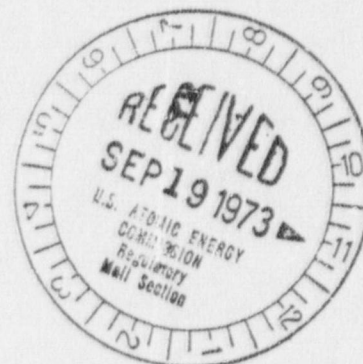
NUCLEAR ENERGY
DIVISION

ATOMIC POWER EQUIPMENT
DEPARTMENT

Letter No. 183-573-73

September 14, 1973

Mr. Voss A. Moore
Assistant Director for
Boiling Water Reactors
Office of Regulation
U.S. Atomic Energy Commission
Washington, D.C. 20545



SUBJECT: GENERAL ELECTRIC COMPANY SUPPLEMENT 1 TO LICENSING TOPICAL REPORT NEDO-10993, "LOSS-OF-COOLANT ACCIDENT AND EMERGENCY CORE COOLING MODELS FOR GENERAL ELECTRIC BOILING WATER REACTORS: EFFECT OF STEAM VENTING IN ECCS EXPERIMENTS"

Dear Mr. Moore:

The subject supplement discusses the results of tests conducted by General Electric to determine the effects of top and bottom steam venting of a fuel bundle. The results of these tests were requested by the Regulatory Staff during recent meetings with GE. The tests confirmed that venting steam at the top and bottom of a bundle is slightly less severe than venting steam at the top only. Hence, the current General Electric procedure of ECCS performance under the "worst-case" situation of a top vent only is verified. Your review and approval of the subject document for licensing purposes are requested.

Transmitted under separate cover are 125 copies of the subject report. It is to be placed in the Public Document Room and identified as a General Electric Company Licensing Topical Report.

Sincerely,

for J.A. Hinds
John A. Hinds, Manager
Safety and Licensing

/dem

cc: W.R. Butler

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