



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

July 10, 1992

Docket No. 52-001

MEMORANDUM FOR: Robert C. Pierson, Director
Standardization Project Directorate
Associate Directorate for Advanced Reactors
and License Renewal
Office of Nuclear Reactor Regulation

FROM: Son Q. Ninh, Project Engineer
Standardization Project Directorate
Associate Directorate for Advanced Reactors
and License Renewal
Office of Nuclear Reactor Regulation

SUBJECT: NOTICE OF THE NUCLEAR REGULATORY COMMISSION (NRC) STAFF
PIPING AUDIT OF THE GE NUCLEAR ENERGY (GE) ADVANCED BOILING
WATER REACTOR (ABWR) DESIGN

DATE & TIME: July 28 - 31, 1992
8:00 a.m. - 5:00 p.m.

LOCATION: GE Nuclear Energy
175 Curtner Avenue
San Jose, California 95215

PURPOSE: To conduct a followup audit of the GE ABWR piping design
criteria and sample analyses. A copy of the audit agenda is
enclosed.

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July 10, 1992

PARTICIPANTS*:

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Original Signed By

Son Q. Ninh, Project Engineer
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Enclosure:
 As stated

cc w/enclosure:
 See next page

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OFC:	LA:PDST:ADAR	PE:PDST:ADAR	PM:PDST:ADAR	SC:PDST:ADAR
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DATE:	07/10/92	07/10/92	07/10/92	07/10/92

NRC AUDIT OF GE ON
ABWR PIPING DESIGN CRITERIA AND SAMPLE ANALYSES

JULY 28-31, 1992

AGENDA

1. Discuss GE's response to staff concerns with respect to piping system stress analysis identified in last audit, which was performed at GE's office in San Jose, California, on March 23 through 26, 1992.
2. GE to provide methods and sample analyses for high-energy line break. Calculations for the feedwater line breaks may be used.
3. Discuss open issues identified by the staff in the draft report containing preliminary safety evaluation of the ABWR piping design.
4. Discuss tentative findings of staff review on the GE sample analyses of three ABWR piping systems. Status of independent confirmatory analysis performed by the NRC consultant, Brookhaven National Laboratory, will be presented.
5. Discuss details concerning application of piping benchmark program to future ABWRs for verifying acceptability of computer codes and approaches used in piping analyses.
6. Discuss followup actions needed by GE and the staff to complete final safety determination on ABWR piping design.

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