



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

June 9, 1994

Docket Nos. 9001 and 99900403

Mr. Steven A. Hucik, Manager
ABWR Projects
GE Nuclear Energy
175 Curtner Avenue
San Jose, California 95125

Dear Mr. Hucik:

SUBJECT: NRC INSPECTION REPORT NO. 99900403/94-01

This letter addresses the inspection of your facility at San Jose, California, conducted by Richard P. McIntyre and Uldis Potapovs of the Nuclear Regulatory Commission's (NRC's) Vendor Inspection Branch, Robert A. Gramm of the Performance and Quality Evaluation Branch, Sampath K. Malur of the Special Inspection Branch, William F. Burton of the Plant Systems Branch, and Chester Poslusny of the Standardization Project Directorate on March 22 through 24, 1994. The details of the inspection were discussed with you and other members of your staff during the inspection and at the exit meeting on March 24, 1994.

The purpose of the inspection was to evaluate information regarding the remaining open issue (Unresolved Item 93-02-08) identified during the previous ABWR inspection conducted on September 7 through 10, 1993. This item dealt with the substantiation of the extent of GE oversight of their International Technical Associates' (TAs'), Hitachi and Toshiba, design and analysis efforts supporting the ABWR design development. This issue was predicated on the view that GE Nuclear Energy (GE) had not conducted technical audits of its partners' activities of sufficient duration, scope, or depth to obtain reasonable assurance that the TAs were performing design related activities at a level of quality commensurate with GE's QA program requirements. Finally, evidence was not found in GE ABWR system Design Record Files that supporting design documents generated by the TAs had been reviewed by GE personnel.

The inspection conducted on March 22 through 24 resulted in the identification of several examples of GE activities reflecting thorough review of design specifications, instrument block diagrams, piping and instrumentation diagrams, system analyses, and system performance and capacity calculations generated by the TAs. This was revealed in records of GE written feedback, comments, proposed design revisions, independent calculations, and analyses summaries which had been submitted to the TAs during the ABWR design evolution.

As was discussed in the exit meeting with GE, the staff evaluation of the above information provides reasonable assurance that the extent, depth, and duration of GE's participation in the joint design effort provided a basis for

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confidence in the technical quality of the TAs' design activities. This finding provides the basis for the resolution of FSER Open Item F17.1.3-1.

In accordance with 10 CFR Part 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be placed in the NRC's Public Document Room.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

Original Signed By:

R.W. Borchardt, Director
 Standardization Project Directorate
 Associate Directorate for Advanced Reactors
 and License Renewal
 Office of Nuclear Reactor Regulation

Enclosures:
 Inspection Report
 99900403/94-01

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DATE	05/31/94	05/31/94	06/01/94	06/06/94	06/06/94
COPY DOC	YES NO	YES NO	YES NO	YES NO	YES NO

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DATE	06/01/94	06/06/94	/ /94	06/08/94	06/ /94	06/ 9 /94
COPY	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

Mr. Steven A. Hucik
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Docket Nos. 52-001
99900403

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