



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555  
July 26, 1994

PDR

Docket No. 52-002

Mr. Robert E. Newman, President  
Nuclear Systems  
ABB-Combustion Engineering, Inc.  
1000 Prospect Hill Road  
Windsor, Connecticut 06095-0500

Dear Mr. Newman:

This letter transmits the final design approval (FDA) for the standard System 80+ design pursuant to Appendix O of 10 CFR Part 52. This FDA allows the System 80+ standard design to be referenced in an application for a construction permit or operating license pursuant to 10 CFR Part 50, or in an application for a combined license pursuant to 10 CFR Part 52. A copy of the Notice of Issuance of FDA for the System 80+ design, which has been sent to the Federal Register for publication, is also enclosed for your information.

Asea-Brown Boveri-Combustion Engineering (ABB-CE) has completed the technical review stage of design certification pursuant to the applicable requirements of Subpart B of 10 CFR Part 52. The staff performed its technical review of the ABB-CE Standard Safety Analysis Report-Design Certification (CESSAR-DC), certified design material, and technical specifications in accordance with the standards for review of design certification applications stated in 10 CFR 52.48 that are applicable and technically relevant to the System 80+ design. This includes the exemptions and applicable regulations noted in the final safety evaluation report (FSER).

On the basis of its evaluation and independent analyses as discussed in the FSER, the staff concludes that, subject to satisfactory completion of the System 80+ design control document, ABB-CE's application for design certification complies with those portions of 10 CFR 52.47 that are applicable and technically relevant to the System 80+ design. Therefore, the staff and the Advisory Committee on Reactor Safeguards will utilize the System 80+ design and will rely on it in the administrative review phase of the design certification rulemaking process in accordance with 10 CFR 52.51. The public document room received a copy of the FSER with this letter.

Sincerely,

William T. Russell, Director  
Office of Nuclear Reactor Regulation

Enclosures:

1. FDA for ABB-CE System 80+ standard design
2. Federal Register Notice

cc w/enclosures:  
See next page

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