



COMBUSTION ENGINEERING OWNERS GROUP

**CENPD-279  
SUPPLEMENT 7**

**ANNUAL REPORT ON ABB CE ECCS  
PERFORMANCE EVALUATION MODELS**

**FINAL REPORT**

**CEOG TASK 923**

prepared for the  
**C-E OWNERS GROUP**

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### ABSTRACT

This report describes changes and errors in the ABB Combustion Engineering evaluation models for ECCS analysis in 1995 per the requirements of 10CFR50.46. For this reporting period, one error in the input processing for the COMPERC-II refill/reflood code for large break LOCA analysis was found and corrected. No other changes were made to the ABB CE evaluation models for the large break, small break or post-LOCA long term cooling calculations.

Correction of the error in COMPERC-II had no effect on the cladding temperature (PCT) for large break LOCA. The sum of the absolute magnitudes of the PCT changes for large break LOCA from all reports to date continues to be less than 1 °F. No change occurred in the PCT for small break LOCA or post-LOCA long term cooling. Per the criteria of 10CFR50.46, no action beyond this annual report is required.

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