



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

DEC 1 1978

Mr. A. E. Scherer
Licensing Manager (460-4)
Combustion Engineering, Inc.
Nuclear Power Systems Division
1000 Prospect Hill Road
Windsor, Connecticut 06095

Dear Mr. Scherer:

SUBJECT: STAFF EVALUATION OF CENPD-169-P

On August 27, 1975, Combustion Engineering submitted topical report CENPD-169-P, "COLSS - Assessment of the Accuracy of PWR Operating Limits as Determined by the Core Operating Limit Supervisory System" for our review. We have completed our review of CENPD-169-P and our evaluation appears as the Enclosure to this letter.

In summary, we conclude that CENPD-169-P is an acceptable reference for the methodology used by the core operating limit supervisory system to determine power distributions from incore detectors. In addition we conclude that the procedure described in CENPD-169-P for calculating the overall uncertainty in the three dimensional peaking factor (F_Q) is acceptable.

Should NRC criteria or regulations change such that our conclusions concerning CENPD-169-P are invalidated, you will be notified and given an opportunity to revise and resubmit your topical report, should you so desire.

It is requested that CENPD-169-P be resubmitted as an approved report and that this approval letter and evaluation be incorporated as part of the document. When CENPD-169-P is referenced in a license application, the non-proprietary version should also be referenced. We do not intend to repeat our review of this report when it appears as a reference in a particular license application.

Sincerely,

A handwritten signature in cursive script, reading "Robert L. Baer".

Robert L. Baer, Chief
Light Water Reactors Branch No. 1
Division of Project Management

Enclosure:
Evaluation of CENPD-169-P

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