



Docket No. STN-50-470F

February 18, 1983
LD-83-708

Mr. Darrell G. Eisenhut, Director
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: CESSAR-F, Confirmatory Item Number 10.

Reference: (A) Letter LD-81-069, A. E. Scherer to D. G. Eisenhut, dated October 8, 1981.
(B) Letter James R. Miller to A. E. Scherer, dated September 11, 1981
(C) Letter ANPP-22841-WFQ/TFQ, E. E. Van Brunt Jr. to G. Knighton, dated January 27, 1983.

Dear Mr. Eisenhut:

Reference (A) provided Combustion Engineering's (C-E's) response to Reactor Systems Branch question 440.6 (Reference B) regarding the boration capability of the System 80™ Nuclear Steam Supply System (NSSS). C-E committed to confirm the adequacy of boron mixing for System 80 by referencing the results of tests performed on the San Onofre Unit 2 reactor and demonstrating their applicability to the Sytem 80 NSSS. The staff concluded in the CESSAR-F SER that demonstrating the applicability of those tests to CESSAR-F would be an acceptable alternative to conducting specific boron mixing tests at Palo Verde.

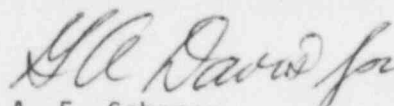
Since that commitment was made, Arizona Public Service Company has committed via Reference (C) to verify boron mixing during natural circulation testing on Palo Verde Nuclear Generating Station (PVNGS) Unit 1. Hence the boron mixing capability of the System 80 NSSS will be prototypically demonstrated on the lead System 80 plant.

In light of the above we would like the CESSAR-F SER, Section 5.4.3 (Shutdown Cooling System), to be changed to reflect the commitment to perform boron mixing testing on the first System 80 reactor. These tests will demonstrate the boration capability of the System 80 design and therefore, should close out confirmatory item number ten (10) of the CESSAR-F SER.

If I can be of any further assistance in this matter please contact either myself or Mr. G. A. Davis of my staff at (203) 688-1911 extension 2803.

Very truly yours,

COMBUSTION ENGINEERING, INC.


A. E. Scherer
Director Licensing

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