

March 21, 1985

2CAN038508

Director of Nuclear Reactor Regulation  
ATTN: Mr. James R. Miller, Chief  
Operating Reactors Branch #3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

SUBJECT: Arkansas Nuclear One - Unit 2  
Docket No. 50-368  
License No. NPF-6  
CPC Methodology Changes for Cycle 5  
Additional Information Submittal

Gentlemen:

Attached for your review are the following Combustion Engineering (CE) documents for use in conjunction with the ANO-2 Cycle 5 CPC software update. A description of the software update was contained in CEN-288(A), submitted by our letter 2CAN118402 dated November 9, 1984. This information is also in support of the Technical Specification change request submitted by our letter 2CAN018505 dated January 28, 1985.

- CEN-296(A), "ANO-2 CPC and CEAC Data Base Listing", March 1985.
- CEN-298(A), "ANO-2 CPC System Phase I Design Qualification Test Report", March 1985.
- CEN-162(A), "ANO-2 CPC/CEAC System Phase II Software Verification Test Report", March 1985.
- Enclosure 1P to A-CE-R-92, "Typical Data Base Constants for ANO-2", March 1985.

These documents are provided in response to additional information requests from your staff to assist in their review.

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The respective CPC algorithms for ANO-2 Cycle 5 and the methodology used to generate the typical data base constants for ANO-2 Cycle 5 are identical to those reviewed by the NRC for San Onofre Nuclear Generating Station Units 2 cycle 2.

Due to the proprietary nature of the attached material, CE has requested that certain portions of these documents be withheld from public disclosure. To accommodate this request five copies of both the proprietary (copies numbered 01-05) and nonproprietary versions are attached. An affidavit in support of this determination is also provided.

Very truly yours,

J. Ted Enos  
Manager, Licensing

JTE/RBT/ac

Attachments