

JAN 30 1985

Docket Nos. 50-313  
and 50-368

Mr. John M. Griffin, Senior Vice President  
Energy Supply  
Arkansas Power & Light Company  
P. O. Box 551  
Little Rock, Arkansas 72203

Dear Mr. Griffin:

SUBJECT: INADEQUATE CORE COOLING (ICC) MONITORING SYSTEM

By letter dated November 16, 1984, you requested our approval of the proposed ICC systems for Arkansas Nuclear One, Units 1 and 2 (ANO-1&2) based on the results of the testing program for the RADCAL Gamma Thermometer (RGT) as presented by members of your staff and Technology for Energy Corporation (TEC) at a meeting held in Bethesda, Maryland on October 17, 1984.

We have reviewed the test data for the TEC RGT design and have concluded that they demonstrate the "proof in principle" for the design concept. Therefore, you may proceed with the final design and implementation of the ICC systems. However, it should be noted that our final approval of these systems is contingent on staff review of the final design reports.

Should you have any questions concerning this letter, please contact your project managers, G. Vissing or R. Lee.

Sincerely,

John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

James R. Miller, Chief  
Operating Reactors Branch #3  
Division of Licensing

cc: See next page

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