

JUL 11 1985

Docket No. 50-313

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

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Dear Mr. Griffin:

We have completed our reviewed of your response to our questions (Generic Letter 81-21) regarding reactor vessel upper head steam formation during a natural circulation cooldown for Arkansas Nuclear One, Unit 1 (ANO-1).

You have performed analyses for a natural circulation cooldown using continuous venting of the reactor vessel head and you have committed to revise your natural circulation cooldown procedure to reflect the method analyzed.

We have determined that your responses are acceptable. We have concluded that ANO-1 can perform a natural circulation cooldown to Decay Heat Removal System actuation conditions in approximately eight hours without void formation.

Our associated Safety Evaluation Report is enclosed.

Sincerely,

"ORIGINAL SIGNED BY  
JOHN F. STOLZ"

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

Enclosures:  
As Stated

cc w/enclosures:  
See next page

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P PDR

Mr. J. M. Griffin  
Arkansas Power & Light Company

Arkansas Nuclear One, Unit 1

cc:

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Honorable Ermil Grant  
Acting County Judge of Pope County  
Pope County Courthouse  
Russellville, Arkansas 72801