



ARKANSAS POWER & LIGHT COMPANY

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November 30, 1984

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Director of Nuclear Reactor Regulation
ATTN: Mr. J. F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, DC 20555

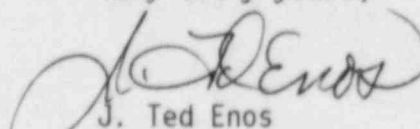
SUBJECT: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Natural Circulation Cooldown -
Resolution of Generic Letter 81-21

Gentlemen:

By prior correspondence, AP&L indicated that our response to Generic Letter 81-21 would be submitted by November 30, 1984. We have carefully studied the various alternatives for addressing the issue and have determined to adopt an approach formulated by Duke Power Company

That approach involves continually venting the reactor vessel upper head to the containment during a natural circulation cooldown. The necessary analytical work to support this approach is currently being developed by AP&L. It is now estimated that our final submittal including descriptions of the analysis, assumptions, and procedural considerations will be submitted by February 1, 1985. This date is consistent with those recently discussed with members of your staff at a B&W Owners/NRC working meeting.

Very truly yours,


J. Ted Enos
Manager, Licensing

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