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 Docket No. 50-313 GVissing
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Mr. William Cavanaugh, III
 Senior Vice President,
 Energy Supply
 Arkansas Power & Light Company
 P. O. Box 551
 Little Rock, Arkansas 72203

Dear Mr. Cavanaugh:

Our Office of Nuclear Regulatory Research has provided you NUREG/CR-2787, "Interim Reliability Evaluation Program (IREP): Analysis of Arkansas Nuclear One - Unit 1 Nuclear Power Plants". The report identifies key components/events which contribute most to the core melt frequencies. The report also discusses the operator actions and operating features at ANO-1 which affect the core melt frequencies.

Please provide a description of the modifications to the design and operation of the plant which have been made or planned related to the findings in the IREP Report. Particularly, we request that you describe your actions with regard to the main contributors to the core melt frequencies identified in the report.

We request your schedule for responding to the above request within 30 days from the date of this letter.

The reporting and/or recordkeeping requirements of this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P. L. 96-511.

Sincerely,

Original signed by

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

cc:
 See next page

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OFFICE	ORB#4:DL	C-ORB#4:DL	C-RRAB:DST			
SURNAME	GVissing/cab	JStolz	ATHadani			
DATE	11/5/82	11/9/82	11/8/82			

Arkansas Power & Light Company

cc w/enclosure(s):

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Arkansas Power & Light Company
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Director, Bureau of Environmental
Health Services
4815 West Markham Street
Little Rock, Arkansas 72201



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

November 9, 1982

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Sincerely,

Handwritten signature of John F. Stoiz in cursive script.

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

cc:
See next page