



ARKANSAS POWER & LIGHT COMPANY
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February 28, 1983

1CAN028310

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
Station Electrical Distribution
Voltage Verification Test

Gentlemen:

The purpose of this letter is to provide a status on the Station Electrical Distribution Voltage Verification Test. This test is currently scheduled to be performed on March 4, 1983. The report containing the analysis and comparison using the data collected in this test will be submitted within 90 days of the end of the current ANO-1 refueling outage. This submittal date is based upon the length of time necessary for the performance of the requested computer analysis and the resulting comparison of data. It should be noted that the 30% loading of the Class 1E buses will only be measured down to the 480 volt level. This is due to the fact that the original voltage analysis program to be used in this comparison does not extend past the 480 volt level. Also, the Class 1E (120/208V) buses are battery backed and not degradable.

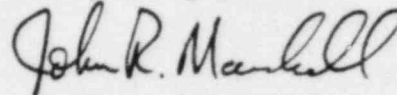
In addition, a review of your letter of March 9, 1982, (1CNA038203) containing the Safety Evaluation Report (SER) concerning the adequacy of station electric distribution system voltage for Arkansas Nuclear One Unit 1 has shown that a design change has been made that was not included in the SER. This change altered a previous change described on page 4 of the SER involving installation of interlocks to prevent the simultaneous automatic

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transfer of Unit 1 and Unit 2 loads to Start-up Transformer 2. These interlocks were replaced by a load shedding process such that even if both Unit 1 and Unit 2 loads were simultaneously transferred to Start-up Transformer 2, an overload would not occur. Although this change should be noted, it does not alter the validity of the SER.

Very truly yours,

A handwritten signature in cursive script that reads "John R. Marshall".

John R. Marshall
Manager, Licensing

JRM:MCS:s1

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