



11/1

ARKANSAS POWER & LIGHT COMPANY
POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000
October 25, 1978

1-108-9

Director of Nuclear Reactor Regulation
ATTN: Mr. R. W. Reid, Chief
Operating Reactor Branch #4
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Sequencing Electrical Loads
On Start Up Transformer
(File: 1510)

Gentlemen:

The following is provided to document our verbal commitment made in an October 24, 1978, telecon between myself and Mr. G. Vissing, et.al., of your staff.

Currently, the safety electrical loads are sequenced onto the Diesel Generators but not onto the startup transformer. By not sequencing the loads onto the startup transformer, we can possibly create an undervoltage situation on the startup transformers such that all safety loads would be transferred to the Diesel Generators.

We had previously identified this situation and have proposed modifications (which are still under review) to the staff as our "Millstone Modifications". These modifications are scheduled to be implemented during our next refueling outage (currently scheduled for March, 1978) subject to approval by the staff.

As per our verbal commitment in the above referenced telecon, we can implement part of those modifications now which will alleviate the above possible situation. This will involve connecting the load sequence circuitry used for loading the Diesel Generators such that they will also sequence safety loads onto the startup transformers thereby alleviating the possible undervoltage situation. Subject to your approval, we will implement this modification by October 31, 1978, per our verbal commitment.

Attached are six schematic diagrams which detail this modification. Due to the haste in which this letter was prepared, only one copy of the drawings was available and is enclosed. More copies will be available at a later date should you desire them.

7811060075

APL
3/10
1 SET DRWGS TO FILES

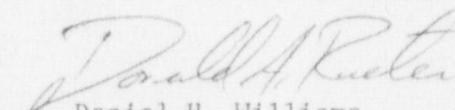
Mr. R. W. Reid

-2-

October 25, 1978

We wish to emphasize that we believe the existing design at ANO-1 meets GDC-17. Also, your most immediate approval of this modification is imperative for us to support an implementation date of October 31, 1978. Should your review impact this schedule, we will request relief on the schedule accordingly.

Very truly yours,


for Daniel H. Williams
Manager, Licensing

DHW:JTE:vb

Attachment