



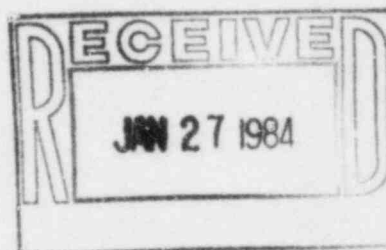
ARKANSAS POWER & LIGHT COMPANY

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January 18, 1984

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Mr. J. E. Gagliardo, Director  
Division of Resident Reactor Projects  
and Engineering Programs  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011



SUBJECT: Arkansas Nuclear One - Units 1 & 2  
Docket Nos. 50-313 and 50-368  
License Nos. DPR-51 and NPF-6  
Additional Information Relative to  
Inspection Reports 50-313/83-21 and  
50-368/83-21

Gentlemen:

By letter dated November 30, 1983, (ØCNA118323) NRC requested additional information relative to AP&L's response to violation 50-368/8321-04 concerning removal of electrolyte from station batteries without a procedure. Specifically, details were requested concerning procedures used to control addition and removal of water and electrolyte from station batteries.

Subsequent to NRC's notice of violation, and due in part to unrelated concerns, several procedure revisions and new procedures were issued as a part of an effort to improve maintenance and surveillance activities associated with the station batteries. Procedure 1025.05 Rev. 0, Station Battery Maintenance, was issued November 11, 1983, and required a log book be maintained on each station battery to record all maintenance activities. This will assure a record of water and electrolyte addition and removal is maintained for use in evaluating long term battery performance. Provisions are also contained in the procedures governing quarterly battery surveillance (2403.23 Rev. 0 and 2403.24 Rev. 0) which require the notification of the Electrical Maintenance Supervisor or the plant electrical engineering staff prior to removal or addition of electrolyte

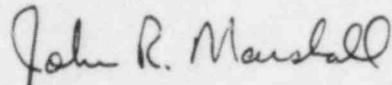
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from station battery cells. These procedures also require a plant engineering action request (PEAR) be issued to request evaluation of the long term effect of such additions or removals. Finally, the procedure governing pilot cell surveillance (2307.16 Rev. 0) also requires the notification of the Electrical Maintenance Supervisor or electrical engineering prior to addition or removal of electrolyte.

As discussed in AP&L's letter of October 31, 1983, (ØCAN1Ø83Ø8) and in a telephone call with Mr. W. Johnson of your staff on November 21, 1983, AP&L maintains that the procedural controls discussed above are not required to meet NRC regulations, however, these enhancements to the station battery maintenance and surveillance procedures should adequately address any concerns relative to this issue.

Very truly yours,



John R. Marshall  
Manager, Licensing

JRM:DH:sc