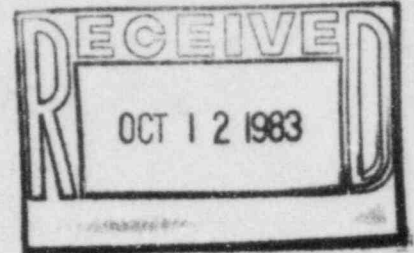




ARKANSAS POWER & LIGHT COMPANY
POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000

October 7, 1983



ØCAN1Ø83Ø3

Mr. John T. Collins
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

SUBJECT: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
IE Bulletin 83-05

Gentlemen:

In our letter dated August 12, 1983 (ØCANØ883Ø3), AP&L provided an initial response to IE Bulletin 83-05. At that time additional evaluations were necessary to respond completely. These evaluations have been completed and are summarized herein for your review.

Item 2.a

"Those holders of operating licenses and construction permits that use or plan to use spare parts manufactured by HTPC in Code pumps important to safety are to take the following actions:

- a. Review the HTPC recommendations on replacement parts given in Attachment 3. For those facilities that have not yet installed the replacement parts, implement the recommendations given in Attachment 3 in your procedures for pump assembly or provide the basis for any deviations. For those facilities with parts already installed, describe any deviations from the recommendations given in Attachment 3 and discuss their significance."

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October 7, 1983

August 12, 1983 Response

We are currently reviewing our installation procedures for the spare parts which have been installed and for those spare parts yet to be installed to assure compliance with HTPC's Installation of Replacement Parts Bulletin (Attachment 3 to IE Bulletin 83-05). If deviations from these recommendations are discovered, we will forward a description of the circumstances and our basis for the deviation to the NRC by September 30, 1983.

Update

Of the HTPC spare parts installed (a listing of which was submitted to the NRC in our letter number DCAN88307 to Mr. John T. Collins dated August 24, 1983) only the installation of the shaft sleeves would have been affected by HTPC's Installation of Replacement Parts Bulletin (Attachment 3 to IE Bulletin 83-05). We have determined that these sleeves were installed in at least one of the Decay Heat Removal Pumps prior to March 1983, without specifically considering the steps outlined in Attachment 3 to IE Bulletin 83-05. However, since their installation both of the Decay Heat Pumps have been run in excess of 48 hours and have had a number of inservice tests performed on them with acceptable results. Based on the significant number of operational hours accumulated on each pump and the acceptable results of the inservice tests, we believe the subject parts were installed correctly and no additional action is necessary to verify this fact.

To assure that the HTPC recommendations are considered in future installation, the applicable portions of Attachment 3 to IE Bulletin 83-05 have been incorporated into the maintenance procedures for the Decay Heat Removal Pumps and the Reactor Building Spray Pumps (the four pumps for which HTPC spare parts have been purchased).

Item 2.c

"Conduct a pump performance test as specified in Item 1c unless it can be demonstrated that the spare part in question will not affect any parameters that are measured or function demonstrated by the test."

August 12, 1983 Response

We are currently evaluating the spare parts which have been installed to determine if they will affect any parameter that is measured or functionally demonstrated by a pump performance test. The results of this evaluation and plans for any test which might be necessary will be forwarded to the NRC by September 30, 1983. For those spare parts still in stock, an evaluation will be performed to determine if a pump performance test is necessary to demonstrate their adequacy. If such a test is necessary, it will be performed following the parts installation.

Update

The results of the above described evaluation identified eight suspect replacement spare parts which have been installed in the Reactor Building Spray Pumps P-35A and the Decay Heat Removal Pumps P-34 A&B. (A listing of

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HTPC replacement spare parts in use at ANO was provided in our letter number ØCANØ883Ø7 to Mr. John Collins dated August 24, 1983.) Since the installation of the subject spare parts in the Decay Heat Removal Pumps, both have been run in excess of 48 hours and have had a number of inservice tests conducted to verify acceptable pump vibration, flow and differential pressure. The suspect spare parts were installed in the Reactor Building Spray Pump P-35A in April of 1979. Since the parts installation in this pump, it has accumulated in excess of 29 hours run time during inservice tests. We believe the combination of actual run time and inservice testing conducted on these three pumps has provided sufficient data to demonstrate the pumps performance; therefore, no additional tests are planned.

Several of the HTPC spare parts in stock at ANO have been identified as those which, when installed, could potentially affect the performance of the pump. These suspect parts have been isolated and are being tagged to require that an Engineering representative be informed if a suspect part is to be installed.

We are enlisting HTPC's assistance in further evaluating the suspect spare parts to determine to what extent the subject parts are affected by IE Bulletin 83-05. Following this review the suspect spare parts will either be replaced or adequate performance tests will be conducted to demonstrate the parts' acceptability following installation. In the interim, should the suspect spare parts be required, a performance test would be scheduled if necessary, as determined by the cognizant Engineer.

Item 2.d

"For spare parts that form part of the ASME Code pressure boundary, perform the actions required in Item 1d."

August 12, 1983 Response

We are currently evaluating the spare parts which have been installed to determine if they form an ASME Code pressure boundary. If HTPC spare parts have been installed which form a pressure boundary, an investigation will be conducted to determine if a hydrostatic pressure test has been conducted since the parts installation. If such a test has not been performed, a hydrostatic test will be conducted no later than the next ANO-1 refueling outage. For those spare parts still in stock, an evaluation will be performed to determine if they will form an ASME Code pressure boundary. If the spare parts will form this boundary, a hydrostatic test will be performed to demonstrate the parts acceptability.

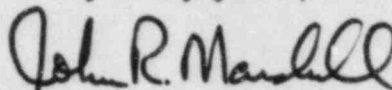
Update

Following a review of the applicable ASME Codes, it has been determined that none of the HTPC supplied spare parts which have been installed or those in stock, form an ASME Code pressure boundary as defined by Code Case N-119-4.

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This concludes our response to IE Bulletin 83-05.

Very truly yours,

A handwritten signature in dark ink, appearing to read "John R. Marshall". The signature is fluid and cursive, with the first name "John" being particularly prominent.

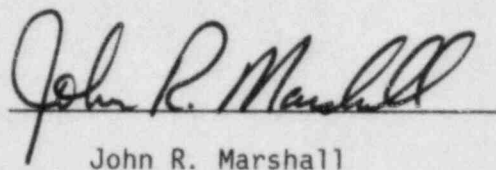
John R. Marshall
Manager, Licensing

JRM:DEJ:s1

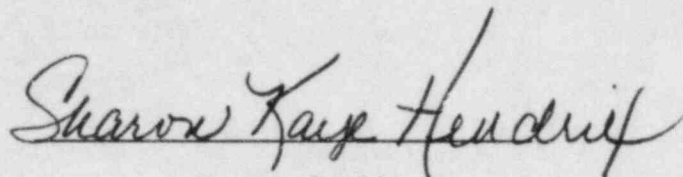
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STATE OF ARKANSAS)
)
COUNTY OF PULASKI) SS

I, John Marshall, being duly sworn, subscribe to and say that I am Manager Licensing for Arkansas Power & Light Company; that I have full authority to execute this oath; that I have read the document numbered ØCAN1Ø83Ø3 and know the contents thereof; and that to the best of my knowledge, information and belief the statements in it are true.


John R. Marshall

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for the County and State above named, this 7th day of September, 1983.


Notary Public

My Commission Expires: 9/19/89
