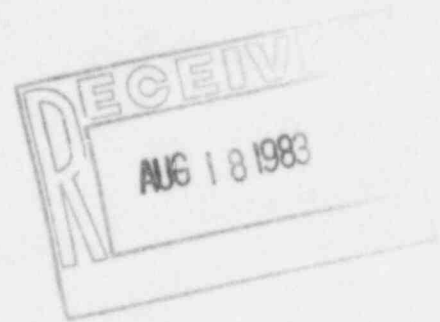




ARKANSAS POWER & LIGHT COMPANY

POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000

August 12, 1983



ØCANØ883Ø3

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 - Units 1 & 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6
Response to IE Bulletin 83-05

Gentlemen:

In response to IE Bulletin 83-05 (ØCNAØ58317), the attached information is provided. Per Mr. Richard DeYoung's request dated May 19, 1983 (ØCNAØ58323), a list of Hayward Tyler Pump Company supplied spare parts used at ANO is being transmitted under sepearte cover.

Very truly yours,

John R. Marshall
Manager, Licensing

JRM:DEJ:s1

Attachment

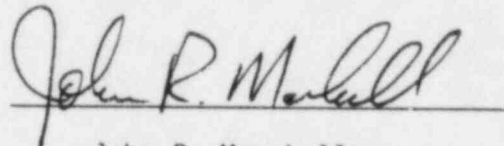
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STATE OF ARKANSAS)
)
COUNTY OF PULASKI)

SS

I, John R. 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 ØCANØ883Ø3 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 16th day of August, 1983.


Notary Public

My Commission Expires:

4-1-85

IE BULLETIN 83-05 RESPONSE

AP&L utilizes four Hayward Tyler Pump Company (HTPC) manufactured pumps for safety-related purposes at ANO (P-34 A&B Decay Heat Removal Pumps, P-35 A&B Reactor Building Spray Pumps). These four pumps, which are installed at ANO-1, were manufactured prior to 1977, and therefore are not required to comply with the provisions of Item 1 to IE Bulletin 83-05. AP&L has, however, on several occasions purchased miscellaneous spare parts for these pumps from HTPC during the period of concern. A listing of the spare parts which have been installed will be provided under separate cover.

Following a review of the spare parts which have been installed and the inspection/investigation reports of HTPC, it does not appear that the spare parts we have installed would be in question. However, since IE Bulletin 83-05 is not specific as to exactly which types of spare parts are of concern, the following is provided to address Item 2.

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."

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.

Item 2.b

"Provide a summary of the inservice test requirements or plans to develop inservice test requirements for each affected pump at your facility."

Response

The following parameters are currently measured or observed monthly as part of the inservice testing program for pumps P-34 A&B and P-35 A&B.

| <u>Parameter</u> | <u>Method</u> |
|-----------------------|---------------|
| Inlet Pressure | Measured |
| Differential Pressure | Measured |
| Flow Rate | Measured |
| Vibration Amplitude | Measured |
| Proper Lubrication | |
| Level or Pressure | Observed |

In addition to these parameters bearing temperatures are measured annually.

The surveillances on these pumps are part of the ANO surveillance program. The observed and measured values are compared with the acceptable ranges of operation and the pump is declared operable or inoperable.

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."

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.

Item 2.d

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

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.