

MAY 15 1975

Docket No. 50-313

Arkansas Power & Light Company
Attn: Mr. J. D. Phillips
Senior Vice President
9th & Louisiana Streets
Little Rock, Arkansas 72203

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

Gentlemen:

Your four letters dated January 17, 1975, April 11, 1975 and two dated April 17, 1975, submitted proposed changes to the Appendix B Technical Specifications, Operating License DPR-51. The changes proposed in your April 11, 1975 letter were in response to staff recommendations sent to you on January 9, 1975 and discussed with your staff on March 5 and March 26, 1975. Certain additional changes were requested to clarify existing information, to specify new locations of monitoring equipment and modify the biological environmental surveillance program.

We have completed our review of the proposed changes to the Appendix B Technical Specifications, have designated the action as Amendment No. 3, Change No. 3, to the Technical Specifications of Operating License DPR-51, and are prepared to issue the amendment. In view, however, of some significant staff revisions to your proposed changes which are discussed in the following paragraphs, we are providing you with the text of the Technical Specification changes, and are available to meet with you to explain the technical basis for these changes in greater detail. Should you desire such a meeting please contact the Environmental Project Manager, Mr. Frank Miraglia (301-443-6980) who will arrange to have appropriate NRC attendance.

In our letters dated January 2, 1975 and February 27, 1975, we recommended that several programs of study be instituted by AP&L to assess the impact of observed levels of threadfin shad impingement on maintaining the present populations of desirable game and commercial fishes in Lake Dardanelle. AP&L in letters to A. Giambusso dated February 14, 1975 and April 11, 1975, has expressed its position on the high cost and minimal usefulness of these technical specification changes recommended by the staff. We have considered the additional information provided by AP&L, and continue to maintain the position that implementation of the technical specification changes included in Amendment No. 3 (Enclosure 1) is required to demonstrate on a factual technical basis that an insignificant adverse environmental impact is being sustained by the lake fishery. To achieve this, Amendment No. 3 will, among other things require: (1) modification of the impingement monitoring program to

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include collection of three 24-hour samples per week, initiation of a threadfin shad population study, initiation of laboratory study on effects of temperature on threadfin shad, initiation of a six month study to detect diel changes in impingement levels, and discontinuance by October 1, 1975 of your current practice of grinding impinged fish before returning to Lake Dardanelle.

In addition it is our view that continuous temperature monitoring of Illinois Bayou is necessary to determine the actual temperature that fish are experiencing in the reservoir. The data provided by AP&L in your April 11, 1975 letter attempting to demonstrate that the inlet water box temperature is identical to the temperature existing in Illinois Bayou are incomplete. In your April 17, 1975 letter, AP&L requested in part a change in the current entrainment specification (4.1.2.a.(3)). We have reviewed that request and it is the staff's position that the current technical specification should be revised as given in the enclosed text.

To reiterate, since delay in implementing the lakewide population density studies may result in missing the spring spawning of threadfin shad and thereby limit the value of the information provided by the population density study; we intend to implement the Technical Specification changes discussed in this letter; but are available to explain the technical basis for these changes. The studies and recommendations should be instituted as soon as possible to provide an information base that will allow proper assessment of the threadfin shad impingement effects on the lake fishery prior to the expected 1975-1976 winter losses.

Sincerely,

Original signed by
Daniel R. Muller

Daniel R. Muller, Assistant Director
for Environmental Projects
Division of Reactor Licensing

Enclosure:

1. Amendment No. 3 to
License No. DPR-51

Arkansas Power & Light Company - 3 -
Attn: Mr. J. D. Phillips

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cc: William Cavanaugh
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