

MAY 23 1968

Docket No. 50-313

Mr. William M. White, Chief
Division of River Basin Studies
Bureau of Sport Fisheries and
Wildlife
U. S. Department of the Interior
Washington, D. C. 20240

Dear Mr. White:

This supplements our previous letter to your office concerning
the proposed Russellville Nuclear Unit.

A copy of Amendment No. 3 (designated by the applicant as Supple-
ment No. 3) dated May 3, 1968, to the application submitted by
Arkansas Power and Light Company is enclosed for your use.

Sincerely yours,

Original Signed by
Charles G. Long

for Roger S. Boyd, Assistant Director
for Reactor Projects
Division of Reactor Licensing

Enclosure:
Application Amendment dtd. 5/3/68

DISTRIBUTION:

Suppl. ←
DRL Reading
RPB-3 Reading
Orig: FWKaras
R. S. Boyd
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Dr. C. K. Beck

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

OFFICE ▶	RPB-3/DRL <i>FWK</i>	RPB-3/DRL <i>CG</i>				
SURNAME ▶	FWKaras/peg	CGLong				
DATE ▶	5/21/68	5/23/68				

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April 27, 1978

The isolation valve on the normal makeup line is powered from both red and green ESF power and receives both ESFAS signals. Therefore, the valve is assured to close and isolate this line.

These steps are already incorporated in our procedures.

Communications will be established (by April 28, 1978) in the piping penetration room such that the operator can have direct communications with the Control Room while operating any of the four (4) HPI isolation valves.

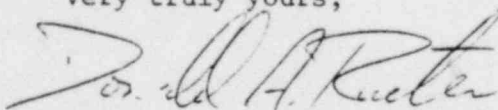
From previous "tests" we have assured ourselves that the procedure can be executed within the allotted time (as defined on page 6 of the attachment to the April 25, 1978 letter from Babcock & Wilcox to Mr. Robert L. Baer) and with time to spare. Within the next ten (10) days, we will perform a drill (dry run) with all five operating crews.

Once per thirty five (35) days, each of the five (5) operating crews will receive training (either review of the procedure or a drill) in the performance of the procedure.

Due to the significant number of problems that could occur (overpresurrization, thermal shock, etc.) we prefer not to perform a drill at which the valves will actually be stroked. We have previously timed an operator while stroking these valves and have good knowledge as to what that time actually is. We believe that this information combined with our drills, training, and communications link with the control room, adequately assure that this procedure can be performed in the necessary time and that the postulated small LOCA can be successfully and safely controlled and mitigated and that no risk would be posed to the health and safety of the public.

In view of this information and the results of the new analysis telecopied to you by B&W on this date, we respectfully request you permit us to operate Arkansas Nuclear One-Unit 1 at 100% Full Power (FP) as requested in Mr. William Cavanaugh's letter of April 25, 1978. Since we are currently holding at 90% FP and are ready to assent to 100% FP, your most expeditious approval will be greatly appreciated.

Very truly yours,



Donald A. Rueter
Director, Technical &
Environmental Services

DAR:JTE:tw