

ARKANSAS POWER & LIGHT COMPANY
POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4422

WILLIAM CAVANAUGH III
Vice President
Generation & Construction

January 7, 1980

1-010-05
2-010-05

Director of Nuclear Reactor Regulation
ATTN: Mr. Darrell G. Eisenhut,
Acting Director, Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: Arkansas Nuclear One-Units 1 & 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6
Fuel Clad Swelling
(File: 1510, 2-1510)

Gentlemen:

The following is provided in response to your November 9, 1979, and November 27, 1979, letters.

ANO-1

As is outlined in the November 2, 1979, letter from B&W (James Taylor) to your Mr. Darrell G. Eisenhut all B&W plants meet the requirements of Appendix K and 10 CFR 50.46. We have confirmed through telecons and correspondence that the information submitted by B&W to the NRC in their November 2, 1979, and November 20, 1979, letters is correct and applicable to ANO-1.

In that the information submitted by B&W previously shows their ECCS model to be conservative when taken as a whole, we are not proposing additional analysis at this time. After NUREG-0636 is released we will evaluate the need for analysis to show conformance to Appendix K.

ANO-2

The November 2, 1979, and November 16, 1979, letters from Combustion Engineering (A.E. Scherer) to your Mr. Darrell G. Eisenhut confirms that all CE operating plants meet Appendix K and the 2200°F peak cladding temperature criterion. We have confirmed that the representations made by Combustion Engineering in our behalf are correct and applicable to ANO-2.

1735 138

1-010-05

2-010-05

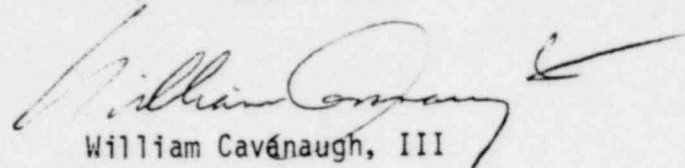
Mr. Darrell G. Eisenhut

-2-

January 7, 1980

We are funding a generic analysis of the impact of the new NRC fuel cladding strain and assembly flow blockage models on our ECCS analysis at this time. We will provide you with results of this analysis no later than March 1, 1980.

Very truly yours,

A handwritten signature in cursive script, appearing to read "William Cavanaugh, III", with a long horizontal flourish extending to the right.

William Cavanaugh, III

WC/MOW/ew

1735 139