



ARKANSAS POWER & LIGHT COMPANY

FIRST NATIONAL BUILDING/P.O. BOX 551/LITTLE ROCK, ARKANSAS 72203/(501) 371-4422

November 5, 1982

WILLIAM CAVANAUGH, III
Senior Vice President
Energy Supply

ØCAN1182Ø5

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

SUBJECT: Arkansas Nuclear One - Units 1 & 2
Docket Nos. 50-313 & 50-368
License Nos. DPR-51 & NPF-6
Spent Fuel Pools Expansion

Gentlemen:

Pursuant to 10CFR Section 50.90 Arkansas Power and Light Company hereby applies for amendments to the Arkansas Nuclear One Unit 1 (ANO-1) and Unit 2 (ANO-2) Facility Operating Licenses. The amendments will authorize the expansion of the storage capacity of the spent fuel pools in ANO-1 and ANO-2. Attached hereto is our licensing report addressing the safety and environmental considerations involved with the proposed expansion. The appropriate changes to ANO-1 and ANO-2 Technical Specification will be submitted at a later date.

The expansion is to be accomplished by reracking the spent fuel pools with high density storage racks designed and fabricated by Westinghouse Electric Corporation. Rack design has been completed, and the technical analysis is presented herein. Fabrication of the new racks began in September 1982 with delivery scheduled for February 1983. Installation is scheduled to begin March 1, 1983. It is requested that this amendment request be reviewed and approved on a schedule consistent with receipt of the new racks.

Very truly yours,

William Cavanaugh, III

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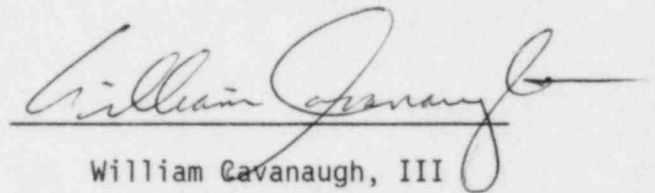
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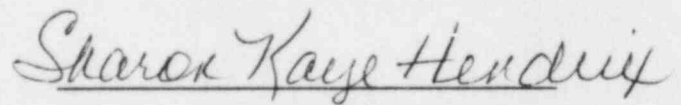
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STATE OF ARKANSAS)
)
COUNTY OF PULASKI) SS

I, William Cavanaugh, III, being duly sworn, subscribe to and say that I am Senior Vice President, Energy Supply for Arkansas Power & Light Company; that I have full authority to execute this oath; that I have read the document numbered ØCAN1182Ø5 and know the contents thereof; and that to the best of my knowledge, information and belief the statements in it are true.


William Cavanaugh, III

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for the County and State above named, this 5th day of November, 1982.


Notary Public

My Commission Expires:

9-19-89