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Docket No.: 50-313

FEB 11 1977

Arkansas Power & Light Company
ATTN: Mr. J. D. Phillips
Senior Vice President
Production, Transmission
and Engineering
Sixth and Pine Streets
Pine Bluff, Arkansas 71601

Gentlemen:

RE: ARKANSAS NUCLEAR ONE - UNIT NO. 1 (ANO-1)

We have commenced review of your October 8, 1976, response to our August 31, 1976 letter concerning postulated spent fuel shipping cask drop accidents and have determined that the additional information described in the enclosure is required. We anticipate that further questions regarding your cask handling system will be forthcoming as our review progresses.

Your response is requested within 90 days of receipt of this letter.

Sincerely,

Original signed by
Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosure:
Request for Additional
Information

cc w/enclosure: See next page

OFFICE	ORB#2:DOR	C-ORB#2:DOR				
SURNAME	RSnaider:rm	DZiemann				
DATE	2/9/77	2/11/77				

cc w/enclosure:
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Arkansas Polytechnic College
Russellville, Arkansas 72801

ARKANSAS POWER & LIGHT COMPANY

ARKANSAS NUCLEAR ONE - UNIT NO. 1 (ANO-1)

DOCKET NO. 50-313

REQUEST FOR ADDITIONAL INFORMATION REGARDING
POSTULATED SPENT FUEL SHIPPING CASK DROP ACCIDENTS

1. Provide sketches showing the path of the cask across the auxiliary building floor and over the cask loading pit. Include the dimensions and weight of the cask, and the limits of divergence from the path of travel.

2. Provide analytical models, loading conditions, stress summaries, and acceptance criteria to demonstrate the continued integrity of the structures over which the cask must travel and upon which it is postulated to drop.