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 CTrammell

Mr. William Cavanaugh, III  
 Senior Vice President,  
 Energy Supply  
 Arkansas Power & Light Company  
 P. O. Box 551  
 Little Rock, Arkansas 72203

Dear Mr. Cavanaugh:

We have reviewed the report (MSS-NAI-P) entitled "Qualification of Reactor Physics Methods for Application to Pressurized Water Reactors of the Middle South Utilities System" which was submitted by letter dated September 19, 1980 and supplemented by letter dated October 16, 1981. The report describes the reload design methodology for application to Arkansas Nuclear One, Units 1 and 2 (ANO-1 & 2). The report is not presently considered applicable to the third PWR (Waterford Steam Electric Station, Unit No. 3) of the Middle South Utility System. If Middle South Services, Inc. desires to have the report applicable to the Waterford facility, we recommend that the report be revised accordingly to make it applicable to Waterford and submitted under the Waterford docket.

We have determined that the report as supplemented and revised may be referenced in licensing actions for ANO-1 & 2. We recommend that Middle South Utilities System perform periodic reevaluations of the reload methodology to provide continuing assurance of model applicability. Our evaluation of MSS-NAI-P is enclosed.

Sincerely,

Original signed by

Robert A. Clark Chief  
 Operating Reactors Branch #3  
 Division of Licensing

\*ORIGINAL SIGNED BY

JOHN F. STOLZ"  
 John F. Stolz, Chief  
 Operating Reactors Branch #4  
 Division of Licensing

Enclosure:  
 Evaluation of Report

\*See previous NRC 318 for concurrence.

8/ /82  
 C-ORB#4:DL  
 JStolz

OFFICE	cc w/enclosure:	ORB#4:DL	ORB#3:DL	ORB#3:DL	ORB#3:DL	ORB#3:DL
SURNAME	See next page	GVising/cb	JStevens*	CTrammell*	PKreutzer	RAClark
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Mr. William Cavanaugh, III  
 Senior Vice President,  
 Energy Supply  
 Arkansas Power & Light Company  
 P. O. Box 551  
 Little Rock, Arkansas 72203

Dear Mr. Cavanaugh:

We have reviewed the report (MSS-NA1-P) entitled "Qualification of Reactor Physics Methods for Application to Pressurized Water Reactors of the Middle South Utilities System" which was submitted by letter dated September 19, 1980 and supplemented by letter dated October 16, 1981. The report describes the reload design methodology for application to Arkansas Nuclear One, Units 1 and 2 (ANO-1/2).

We have determined that the report as supplemented and revised may be referenced in licensing actions for ANO-1 and ANO-2. We recommend that Middle South Utilities System perform periodic reevaluations of the reload methodology to provide continuing assurance of model applicability. Our evaluation of MSS-NA1-P is enclosed.

Sincerely,

Robert A. Clark, Chief  
 Operating Reactors Branch #3  
 Division of Licensing

John F. Stolz, Chief  
 Operating Reactors Branch #4  
 Division of Licensing

Enclosure:  
 Evaluation of Report

cc w/enclosure:  
 See next page

OFFICE	ORB#4:DL	JRB#3:DL	ORB#3:DL	ORB#3:DL		C-ORB#4:DL	C-ORB#3:DL
SURNAME	GVising/c	JStevens	PKreutzer	CTrammell		JStolz	RClark
DATE	8/4/82	8/5/82	8/ /82	8/ /82		8/ /82	8/ /82



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

August 11, 1982

Dockets Nos. 50-313 & 368

Mr. William Cavanaugh, III  
Senior Vice President,  
Energy Supply  
Arkansas Power & Light Company  
P. O. Box 551  
Little Rock, Arkansas 72203

Dear Mr. Cavanaugh:

We have reviewed the report (MSS-NA1-P) entitled "Qualification of Reactor Physics Methods for Application to Pressurized Water Reactors of the Middle South Utilities System" which was submitted by letter dated September 19, 1980 and supplemented by letter dated October 16, 1981. The report describes the reload design methodology for application to Arkansas Nuclear One, Units 1 and 2 (ANO-1 & 2). The report is not presently considered applicable to the third PWR (Waterford Steam Electric Station, Unit No. 3) of the Middle South Utility System. If Middle South Services, Inc. desires to have the report applicable to the Waterford facility, we recommend that the report be revised accordingly to make it applicable to Waterford and submitted under the Waterford docket.

We have determined that the report as supplemented and revised may be referenced in licensing actions for ANO-1 & 2. We recommend that Middle South Utilities System perform periodic reevaluations of the reload methodology to provide continuing assurance of model applicability. Our evaluation of MSS-NA1-P is enclosed.

Sincerely,

*for Charles M. Trammell*  
Robert A. Clark Chief  
Operating Reactors Branch #3  
Division of Licensing

*John F. Stolz*  
John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

Enclosure:  
Evaluation of Report  
cc w/enclosure:  
See next page

Arkansas Power & Light Company

cc w/enclosure(s):

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