

January 17, 1991

Docket No. 50-313

Mr. Neil S. Carns  
Vice President, Operations ANO  
Entergy Operations, Inc.  
Route 3 Box 137G  
Russellville, Arkansas 72801

Dear Mr. Carns:

SUBJECT: ENVIRONMENTAL ASSESSMENT RELATED FOR EXEMPTION FROM  
10 CFR 55.59(a) and (c) (TAC NO. 79002)

Enclosed for your information is a copy of an Environmental Assessment  
and Finding of No Significant Impact related to the exemption requested in  
your letter dated November 2, 1990. This Environmental Assessment has been  
forwarded to the office of the Federal Register for publication.

Sincerely,

Original signed by:

Thomas W. Alexion, Project Manager  
Project Directorate IV-1  
Division of Reactor Projects III, IV, and V  
Office of Nuclear Reactor Regulation

Enclosure:	<u>DISTRIBUTION</u>		
As stated	Docket File	NRC & Local PDR	PD4-1 Reading
	B. Boger (MS13E4)	M. Virgilio (MS13E4)	T. Quay
cc w/enclosure:	L. Berry	T. Alexion	OGC (MS15B18)
See next page	E. Jordan (MNBB3701)	ACRS (10) (MSP-315)	GPA/PA (MS2G5)
	PD4-1 Plant File	P. Harrell, Region IV	C. Shiraki (MS10D22)

OFC	: PD4-1/LA	: PD4-1/PM	: LOLB	: LOLB	: LLOLB	: OGC
NAME	: LBerry	: T. Alexion	: C. Shiraki	: W. Dean	: R. Gallo	: CPW
DATE	: 1/17/90	: 1/20/90	: 1/20/90	: 1/2/91	: 1/2/91	: 1-7-91

OFC	: D: PD4/1: DRP345	:	:	:	:	:
NAME	: T. Quay	:	:	:	:	:
DATE	: 1/17/90	:	:	:	:	:

OFFICIAL RECORD COPY Document Name: AN01 EA/79002

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

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Sincerely,

A handwritten signature in cursive script that reads "Thomas W. Alexion".

Thomas W. Alexion, Project Manager  
Project Directorate IV-1  
Division of Reactor Projects III, IV, and V  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
See next page

Mr. Neil S. Carns  
Entergy Operations, Inc.

Arkansas Nuclear One, Unit 1

cc:

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U.S. Nuclear Regulatory Commission  
Office of Executive Director  
for Operations  
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Honorable Joe W. Phillips  
County Judge of Pope County  
Pope County Courthouse  
Russellville, Arkansas 72801

Ms. Greta Dicus, Director  
Division of Environmental Health  
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Arkansas Department of Health  
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Little Rock, Arkansas 72201

UNITED STATES NUCLEAR REGULATORY COMMISSIONENERGY OPERATIONS, INC.DOCKET NO. 50-313ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of a one-time exemption from the requirements of 10 CFR Part 55 to Entergy Operations, Inc. (the licensee), for the Arkansas Nuclear One, Unit 1 (ANO-1) located in Pope County, Arkansas.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action

The exemption would grant a three-month extension in 1991 to the annual and biennial requalification program schedule requirements of 10 CFR 55.59(a) and (c).

The licensee's request for exemption, and the bases therefore, are contained in the licensee's application for exemption dated November 2, 1990.

The Need for the Proposed Action

The proposed exemption is from the annual and biennial requalification program schedule requirements of 10 CFR 55.59(a) and (c). The licensee is requesting a three-month extension in 1991 from the annual and biennial requalification program requirements to align the ANO-1 requalification program with the National Examination Schedule. This one-time exemption will result in a permanent adjustment to the 24-month requalification cycle and the annual requalification examination schedule.

Generic Letter 89-03 established the National Examination Schedule and allotted examination months of February and August to ANO-1. The current ANO-1 requalification cycle ends in May 1991. The licensee stated that scheduling the examinations in February 1991 is causing hardships due to the compression of the training cycle which would be required, and due to the proximity of the ANO-1 and ANO-2 refueling outages. Also, the exemption is necessary to avoid operators' duplicative effort because of the misaligned schedules between the NRC and the licensee administered requalification examinations.

Environmental Impacts of the Proposed Action

The proposed action would align the ANO-1 requalification cycle with the NRC National Examination Schedule. This exemption will not increase the risk of facility accidents. Thus, post-accident radiological releases will not be greater than previously determined, nor does the proposed exemption otherwise affect the quantity of radiological plant effluent, nor result in any significant increase in occupational exposure. Likewise, the exemption does not affect nonradiological plant effluent and has no other environmental impact. Therefore, the Commission concludes that there are no significant radiological or nonradiological environmental impacts associated with the proposed exemption.

#### Alternative to the Proposed Action

Because it has been concluded that there is no measurable impact associated with the proposed exemption, any alternatives to the exemption will have either no environmental impact or greater environmental impact. Since the Commission has concluded that the environmental effects of the proposed action are not significant, any alternative with equal or greater environmental impacts need not be evaluated.

The principal alternative to the exemption would be to deny the requested exemption. This would not reduce the environmental impacts attributable to this facility and would result in reduced operational flexibility.

#### Alternative Use of Resources

This action does not involve the use of any resources not previously considered in the Final Environmental Statement related to operation of the ANO-1 facility, dated February 1973.

#### Agencies and Persons Consulted

The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

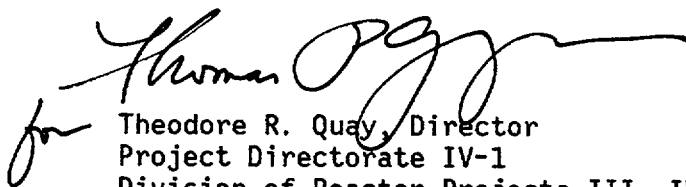
#### FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed exemption. Based upon the foregoing environmental assessment, the staff concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the request for exemption dated November 2, 1990, which is available for public inspection at the Commission's Public Document Room, 2120 L Street, N.W., Washington, D.C. 20555 and at the Tomlinson Library, Arkansas Tech University, Russellville, Arkansas 72801.

Dated at Rockville, Maryland, this 17th day of January 1991.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Theodore R. Quay", written in a cursive style. The signature is positioned above the typed name and title.

Theodore R. Quay, Director  
Project Directorate IV-1  
Division of Reactor Projects III, IV, and V  
Office of Nuclear Reactor Regulation