

MEMORANDUM TO: Rules Review and Directives Branch  
Division of Freedom of Information and Publications Services  
Office of Administration

FROM: Office of Nuclear Reactor Regulation

SUBJECT: **ENTERGY OPERATIONS, INC. - ARKANSAS NUCLEAR ONE, UNIT 2**

☐ Notice of Receipt of Application for Construction Permit(s) and Operating License(s).

☐ Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s):  
Time for submission of Views on Antitrust matters.

☒ Notice of Consideration of Issuance of Amendment to Facility Operating License. (Call with  
30-day insert date).

☐ Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's  
Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice  
of Opportunity for Hearing.

☐ Notice of Availability of NRC Draft/Final Environmental Statement.

☐ Notice of Limited Work Authorization.

☐ Notice of Availability of Safety Evaluation Report.

☐ Notice of Issuance of Construction Permit(s).

☐ Notice of Issuance of Facility Operating License(s) or Amendment(s).

☐ Order.

☐ Exemption.

☐ Notice of Granting Exemption.

☐ Environmental Assessment.

☐ Notice of Preparation of Environmental Assessment.

☐ Receipt of Petition for Director's Decision Under 10 CFR 2.206.

☐ Issuance of Final Director's Decision Under 10 CFR 2.206.

☐ Other: Pls. call Veronica Williams on 415-1302 with the 30-day date to insert  
on page 1.

OFFICE	(A) LA/PD4-1								
NAME	CHawes Park								
DATE	11/4/96								

9611050302 961101  
PDR ADOCK 05000368  
PDR

Mr. C. Randy Hutchinson  
Vice President, Operations ANO  
Entergy Operations, Inc.  
1448 S. R. 333  
Russellville, AR 72801

November 1, 1996

SUBJECT: RELOCATION OF THE REACTOR COOLANT SYSTEM (RCS) FLOW RATE LIMIT TO  
THE CORE OPERATING LIMITS REPORT (COLR), ARKANSAS NUCLEAR ONE,  
UNIT 2 (ANO-2) (TAC NO. M96479)

Dear Mr. Hutchinson:

By letter dated August 23, 1996, Entergy Operations, Inc. (EOI), requested that NRC complete its review prior to the next ANO-2 refueling outage (2R12), scheduled to begin on April 11, 1997.

The NRC staff completed its review of the application and found it necessary to deny the request. The basis of this denial is EOI's inclusion of Reactor Coolant System's (RCS) flow rate in the COLR. The COLR concept in Generic Letter 88-16 was established for core operating limits that normally vary from cycle to cycle primarily because of changes in fuel design. RCS flow rate is normally not a cycle-specific parameter. A change in flow rate usually indicates a physical change such as steam generator tube repairs or pump degradation, thus requiring the NRC review. Therefore, RCS flow rate is not an acceptable parameter for relocation to the COLR, and EOI's application to relocate the RCS flow limit to the COLR is denied.

A copy of the Notice of Denial of Amendment to be published in the Federal Register is enclosed for your information.

Sincerely,

ORIGINAL SIGNED BY:  
Kombiz Salehi, Acting Project Manager  
Project Directorate IV-1  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-368

Enclosure: Notice of Denial of Amendment

cc: See next page

DISTRIBUTION:

Docket File  
PUBLIC  
JRoe  
EAdensam (EGA1)

WBeckner  
CHawes  
KSalehi  
OGC

ACRS  
JDyer, RIV  
TCollins  
PDIV-1 r/f

DFOI 1/1

Document Name: AR296470.LTR

OFC	PM/PD4-1	(A)LA/PD4-1	(A)BC/SRXB*	OGC*	D/PD4-1*
NAME	KSalehi/vw	CHawes <i>cmh</i>	TCollins		WBeckner
DATE	11/1/96	11/01/96	10/21/96	10/28/96	10/31/96
COPY	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO

OFFICIAL RECORD COPY

050074

NRC FILE CENTER COPY



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

November 1, 1996

Mr. C. Randy Hutchinson  
Vice President, Operations ANO  
Entergy Operations, Inc.  
1448 S. R. 333  
Russellville, AR 72801

SUBJECT: RELOCATION OF THE REACTOR COOLANT SYSTEM (RCS) FLOW RATE LIMIT TO  
THE CORE OPERATING LIMITS REPORT (COLR), ARKANSAS NUCLEAR ONE,  
UNIT 2 (ANO-2) (TAC NO. M96479)

Dear Mr. Hutchinson:

By letter dated August 23, 1996, Entergy Operations, Inc. (EOI), requested that NRC complete its review prior to the next ANO-2 refueling outage (2R12), scheduled to begin on April 11, 1997.

The NRC staff completed its review of the application and found it necessary to deny the request. The basis of this denial is EOI's inclusion of Reactor Coolant System's (RCS) flow rate in the COLR. The COLR concept in Generic Letter 88-16 was established for core operating limits that normally vary from cycle to cycle primarily because of changes in fuel design. RCS flow rate is normally not a cycle-specific parameter. A change in flow rate usually indicates a physical change such as steam generator tube repairs or pump degradation, thus requiring the NRC review. Therefore, RCS flow rate is not an acceptable parameter for relocation to the COLR, and EOI's application to relocate the RCS flow limit to the COLR is denied.

A copy of the Notice of Denial of Amendment to be published in the Federal Register is enclosed for your information.

Sincerely,

A handwritten signature in black ink, appearing to read "Kombiz Salehi", written over a horizontal line.

Kombiz Salehi, Acting Project Manager  
Project Directorate IV-1  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-368

Enclosure: Notice of Denial of Amendment

cc w/encl: See next page

Mr. C. Pandy Hutchinson  
Entergy Operations, Inc.

Arkansas Nuclear One, Unit 2

cc:

Executive Vice President  
& Chief Operating Officer  
Entergy Operations, Inc.  
P. O. Box 31995  
Jackson, MS 39286-199

Vice President, Operations Support  
Entergy Operations, Inc.  
P. O. Box 31995  
Jackson, MS 39286-1995

Director, Division of Radiation  
Control and Emergency Management  
Arkansas Department of Health  
4815 West Markham Street, Slot 30  
Little Rock, AR 72205-3867

Wise, Carter, Child & Caraway  
P. O. Box 651  
Jackson, MS 39205

Winston & Strawn  
1400 L Street, N.W.  
Washington, DC 20005-3502

Manager, Rockville Nuclear Licensing  
Framatome Technologies  
1700 Rockville Pike, Suite 525  
Rockville, MD 20852

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
P. O. Box 310  
London, AR 72847

Regional Administrator, Region IV  
U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

County Judge of Pope County  
Pope County Courthouse  
Russellville, AR 72801