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

November 25, 1996

SUBJECT: INSERVICE INSPECTION PROGRAM - REQUEST FOR ALTERNATE EXAMINATION FOR ARKANSAS NUCLEAR ONE, UNIT 1 (ANO-1) STEAM GENERATOR NOZZLE (TAC NO.

M95708)

Dear Mr. Hutchinson

By letter dated June 12, 1996, Energy Operations, Inc. (EOI) proposed an alternative examination for ANO-1 steam generators. Specifically, EOI proposed to examine all of the Code category B-D nozzles on one of the steam generators rather than both steam generators.

The NRC staff evaluated the Request for Relief No. 96-001 to use a sampling philosophy and perform volumetric examination on the Class 1 nozzles and inner radius (IR) sections of only one steam generator in lieu of the Code requirement of volumetric examination of all Class 1 steam generator nozzles and nozzle IR sections. The staff concluded that: 1) pursuant to 10 CFR 50.55a(a)(3)(i), the proposed alternative does not provide an acceptable level of quality and safety; 2) pursuant to 10 CFR 50.55a(a)(3)(ii), the licensee has not provided a basis for undue hardship, based on the limited number and safety significance of the nozzles; and 3) pursuant to 10 CFR 50.55a(g)(6)(i), the licensee has not provided basis for impracticality. Therefore, the licensee's Request for Relief No. 96-001 is denied. Enclosure contains the staff's evaluation and conclusions. Attachment 1 is the Idaho National Engineering Laboratory Technical Letter Report.

Sincerely.

ORIGINAL SIGNED BY:

William D. Beckner, Director Project Directorate IV-1 Division of Reactor Projects III/IV Office of Nuclear Reactor Regulation

9611290320 961125 PDR ADOCK 05000313 PDR

Docket No. 50-313

Enclosure: Safety Evaluation

cc w/encl: See next page

DISTRIBUTION:

EAdensam (EGA1)

Dicket File CHawes PUBLIC KSalehi PD4-1 r/f JMitchell. JRoe OGC

WBeckner JDyer, RIV ACRS GBagchi

Document Name: AR195708.LTR *See previous concurrence

TMcLellan.

2900	OFFICIAL RECORD COPY						
0000	COPY	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO
	DATE	11/0//96	11/26/96	11/05/96	11/05/96	11/19/96	11/24/96
	NAME	KSalehi:sp P	CHawes Chin	TMcLellan	GBagchi	MYoung	WBeckner
	OFC	(A) PM/PD4-1	(A) LA/PD4-1	DE/ECG*	BC/ECGB*	OGC*	D/PD4-1



UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

November 25, 1996

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

SUBJECT: INSERVICE INSPECTION PROGRAM - REQUEST FOR ALTERNATE EXAMINATION FOR

ARKANSAS NUCLEAR ONE, UNIT 1 (ANO-1) STEAM GENERATOR NOZZLE (TAC NO.

M95708)

Dear Mr. Hutchinson:

By letter dated June 12, 1996, Energy Operations, Inc. (EOI) proposed an alternative examination for ANO-1 steam generators. Specifically, EOI proposed to examine all of the Code category B-D nozzles on one of the steam generators rather than both steam generators.

The NRC staff evaluated the Request for Relief No. 96-001 to use a sampling philosophy and perform volumetric examination on the Class 1 nozzles and inner radius (IR) sections of only one steam generator in lieu of the Code requirement of volumetric examination of all Class 1 steam generator nozzles and nozzle IR sections. The staff concluded that: 1) pursuant to 10 CFR 50.55a(a)(3)(i), the proposed alternative does not provide an acceptable level of quality and safety; 2) pursuant to 10 CFR 50.55a(a)(3)(ii), the licensee has not provided a basis for undue hardship. based on the limited number and safety significance of the nozzles; and 3) pursuant to 10 CFR 50.55a(g)(6)(i), the licensee has not provided basis for impracticality. Therefore, the licensee's Request for Relief No. 96-001 is denied. Enclosure contains the staff's evaluation and conclusions. Attachment 1 is the Idaho National Engineering Laboratory Technical Letter Report.

Sincerely.

William D. Beckner, Director Project Directorate IV-1

1. Jellian D Bockner

Division of Reactor Projects III/IV Office of Nuclear Reactor Regulation

Docket No. 50-313

Enclosure: Safety Evaluation

cc w/encl: See next page

Mr. C. Randy Hutchinson Entergy Operations, Inc.

Arkansas Nuclear One, Unit 1

cc:

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

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

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

Manager, Rockville Nuclear Licensing Framatone 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 Vice President, Operations Support Entergy Operations, Inc. P. O. Box 31995 Jackson, MS 39286-1995

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