



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064

November 29, 2000

Craig G. Anderson, Vice President,  
Operations  
Arkansas Nuclear One  
Entergy Operations, Inc.  
1448 S.R. 333  
Russellville, Arkansas 72801-0967

SUBJECT: MIDCYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - ARKANSAS  
NUCLEAR ONE

Dear Mr. Anderson:

On November 2, 2000, the NRC staff completed its midcycle plant performance assessment of Arkansas Nuclear One (ANO). The Midcycle Review for the ANO involved the participation of all technical divisions in evaluating performance indicators (PIs) and inspection results for the period of April 2 through September 30, 2000. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Plant performance for the most recent quarter was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Normally, we would plan to conduct only baseline inspections at your facility through September 30, 2001; however, in response to your submission for an extension of the operating license for Unit 1, additional inspection, as specified in Manual Chapter 2516, has been identified and scheduled. Also, inspections will be performed for replacement of the Unit 2 steam generators.

The enclosure details the scheduled inspections that will occur through September 30, 2001. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The last 6 months of the inspection plans are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document management system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (817) 860-8137 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

**/RA/**

Linda J. Smith, Chief  
Reactor Project Branch D  
Division of Reactor Projects

Docket Nos.: 50-313  
50-368  
License Nos.: DPR-51  
NPF-6

Enclosure:  
Arkansas Nuclear One Inspection/Activity Plan

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-3-

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-4-

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-5-

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/RA/	/RA/	EECollins for	/RA/	
11/21/00	11/28/00	11/29/00	11/29/00	

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## Arkansas Nuclear One

## Inspection / Activity Plan

12/01/2000 - 09/30/2001

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>PBD37 - SG REPLACEMENT INSP - DRP</b>		<b>3</b>			
2	IP 50001	Steam Generator Replacement Inspection		10/01/2000	12/30/2000	Regional Initiative
	<b>PBD27 - U1 LICENSE RENEWAL SCOPING INSPECTION</b>		<b>7</b>			
1	IP 71002	License Renewal Inspection		12/11/2000	12/15/2000	Other Routine
	<b>PSB-EP1 - A&amp;N, ERO, PI&amp;R, EAL.EP, PIV</b>		<b>2</b>			
1, 2	IP 7111402	Alert and Notification System Testing		01/08/2001	01/12/2001	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		01/08/2001	01/12/2001	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		01/08/2001	01/12/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		01/08/2001	01/12/2001	Baseline Inspections
	<b>OB-EXAMS - RO/SRO EXAMS</b>		<b>4</b>			
2	X02215	ANO-UNIT 2 - INITIAL EXAM (01/2002)		02/12/2001	02/16/2001	Not Applicable
	<b>PBD28 - U1 LICENSE RENEWAL-AGING MGMT REVIEW</b>		<b>7</b>			
1	IP 71002	License Renewal Inspection		01/22/2001	02/02/2001	Other Routine
	<b>PSB-S2 - ACCESS AUTH/CONTROL, PI VER, SEC PLAN</b>		<b>1</b>			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		02/05/2001	02/09/2001	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		02/05/2001	02/09/2001	Baseline Inspections
1, 2	IP 7113004	Security Plan Changes		02/05/2001	02/09/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		02/05/2001	02/09/2001	Baseline Inspections
	<b>OB-PIR - PIR INSPECT</b>		<b>5</b>			
1, 2	IP 71152	Identification and Resolution of Problems		03/05/2001	03/09/2001	Baseline Inspections
	<b>EMB - MAINT RULE IMPLEMENTATION</b>		<b>1</b>			
1, 2	IP 711112B	Maintenance Rule Implementation		03/12/2001	03/16/2001	Baseline Inspections
	<b>PSB-RP7 - ENVIRONMENTAL MONITORING</b>		<b>1</b>			
1, 2	IP 7112203	Radiological Environmental Monitoring Program		03/26/2001	03/30/2001	Baseline Inspections
	<b>PSB-RP1 - ALARA PLANNING AND CONTROLS (3)</b>		<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		05/07/2001	05/11/2001	Baseline Inspections
	<b>EMB - FIRE PROTECTION INSPECTION</b>		<b>6</b>			
1, 2	IP 7111105T	Fire Protection		06/11/2001	06/15/2001	Baseline Inspections
	<b>EMB - SSD &amp; PC INSPECTION</b>		<b>8</b>			
1, 2	IP 7111121	Safety System Design and Performance Capability		07/09/2001	07/13/2001	Baseline Inspections
1, 2	IP 7111121	Safety System Design and Performance Capability		07/23/2001	07/27/2001	Baseline Inspections
	<b>PSB-S1 - RESPONSE TO CONT EVENTS</b>		<b>4</b>			
1, 2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Str		06/25/2001	06/29/2001	Baseline Inspections
	<b>EMB - ANO 50.59</b>		<b>1</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		07/09/2001	07/13/2001	Baseline Inspections

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

11/30/2000 09:07:21

**Arkansas Nuclear One**  
**Inspection / Activity Plan**  
**12/01/2000 - 09/30/2001**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
	<b>OB-RQ - REQUAL INSP</b>		<b>2</b>			
1, 2	IP 7111111B	Licensed Operator Requalification		07/09/2001	07/13/2001	Baseline Inspections
	<b>PSB-EP1 - EAL/EP &amp; PIV</b>		<b>1</b>			
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/16/2001	07/20/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		07/16/2001	07/20/2001	Baseline Inspections
	<b>PSB-RP2 - RAD MONITORING INSTRUMENTATION</b>		<b>1</b>			
1, 2	IP 7112103	Radiation Monitoring Instrumentation		09/24/2001	09/28/2001	Baseline Inspections

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This report shows only on-site and announced inspection procedures.