



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

May 29, 2001

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

**SUBJECT: ANNUAL ASSESSMENT LETTER - ARKANSAS NUCLEAR ONE  
(REPORT 50-313, 368/01-01)**

Dear Mr. Anderson:

On May 8, 2001, the NRC staff completed its end-of-cycle plant performance assessment of Arkansas Nuclear One. The end-of-cycle review for Arkansas Nuclear One involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period April 2, 2000, to March 31, 2001. 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.

Overall, Arkansas Nuclear One operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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). Therefore, we plan to conduct only baseline inspections at your facility through May 31, 2002.

Enclosure 1 details the scheduled inspections that will occur through May 31, 2002. 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.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year. In order to transition to a calendar year cycle (January 1 through December 31), the next inspection and assessment cycle will consist of only three quarters (i.e., the second, third, and fourth calendar quarters of CY 2001). As a result, a quarterly review will be conducted for the third calendar quarter (July 1 through September 30) in lieu of a midcycle review. The impact on the inspection plan, which is included as an enclosure, is minimal. Activities planned for the transition cycle represent only 60-80 percent of those activities that would be accomplished during a typical 12-month inspection and assessment cycle.

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 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 Joy Smith, Chief  
Project Branch D  
Division of Reactor Projects

Dockets: 50-313; 50-368  
Licenses: DPR-51; NPF-6

Enclosure:  
Arkansas Nuclear One Inspection/Activity Plan

cc w/enclosure:  
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& Chief Operating Officer  
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Entergy Operations, Inc.

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ES Coordinator  
Logan County OES  
Logan County Courthouse  
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Entergy Operations, Inc.

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Mayor, City of Paris  
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County Judge  
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County Judge  
Johnson County Courthouse  
P.O. Box 278  
Clarksville, Arkansas 72830

Entergy Operations, Inc.

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County Judge  
Logan County Courthouse  
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Paris, Arkansas 72855

Federal Emergency Management Agency  
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Region VI, Federal Center  
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Electronic distribution from ADAMS by RIV:  
 Regional Administrator (**EWM**)  
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 Branch Chief, DRP/D (**LJS**)  
 Senior Project Engineer, DRP/D (**vacant**)  
 Section Chief, DRP/TSS (**PHH**)  
 J. Isom, NRR (**JAI**)  
 RidsNrrDipmlipb

S:\DRP\DRPDIR\EOC 5-01\ANO.wpd

RIV:SPE:DRP/D	C:DRP/D	D:DRS	D:DRP	OE:NRR/IIPB
WCSifre;df	LJSmith	ATHowell	KEBrockman	JAlsom
<b>/RA/</b>	<b>/RA/</b>	<b>/RA/</b>	<b>/RA/</b>	<b>E-PHHarrell for</b>
5/14/01	5/15/01	5/18/01	5/24/01	5/22/01

C:DRP/D				
Signature				
<b>LJSmith</b>				
5/29/01				

**Arkansas Nuclear One  
Inspection / Activity Plan  
06/01/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	End	Inspection Type
	<b>EMB</b>	<b>- FIRE PROTECTION INSPECTION</b>	<b>7</b>			
1, 2	IP 7111105T	Fire Protection		06/11/2001	06/22/2001	Baseline Inspections
	<b>PSB-RP1</b>	<b>- ALARA PLANNING AND CONTROLS (3)</b>	<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		05/29/2001	06/01/2001	Baseline Inspections
	<b>EMB</b>	<b>- 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>EMB</b>	<b>- 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
	<b>OB-RQ</b>	<b>- REQUAL INSP</b>	<b>2</b>			
1, 2	IP 7111111B	Licensed Operator Requalification		07/09/2001	07/13/2001	Baseline Inspections
	<b>PSB-EP1</b>	<b>- 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</b>	<b>- RAD MONITORING INSTRUMENTATION</b>	<b>1</b>			
1, 2	IP 7112103	Radiation Monitoring Instrumentation		09/24/2001	09/28/2001	Baseline Inspections
	<b>EMB</b>	<b>- HEAT SINK PERFORMANCE BIENNIAL</b>	<b>1</b>			
1, 2	IP 7111107B	Heat Sink Performance		10/01/2001	10/05/2001	Baseline Inspections
	<b>PSB-RP3</b>	<b>- ALARA PLANNING AND CONTROLS (4)</b>	<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		10/09/2001	10/12/2001	Baseline Inspections
	<b>PSB-S1</b>	<b>- RESPONSE TO CONT EVENTS</b>	<b>4</b>			
1, 2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy)		10/15/2001	10/19/2001	Baseline Inspections
	<b>OB-EXAMS</b>	<b>- RO/SRO EXAMS</b>	<b>4</b>			
2	X02215	ANO-UNIT 2 - INITIAL EXAM (01/2002)		01/28/2002	02/01/2002	Not Applicable
2	X02215	ANO-UNIT 2 - INITIAL EXAM (01/2002)		02/11/2002	02/15/2002	Not Applicable
	<b>EMB</b>	<b>- 50.59 INSPECTION</b>	<b>1</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		02/25/2002	03/01/2002	Baseline Inspections
	<b>PSB-S1</b>	<b>- ACCESS AUTH/CONTROL, SEC PLAN &amp; PIV</b>	<b>1</b>			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		02/25/2002	03/01/2002	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorization)		02/25/2002	03/01/2002	Baseline Inspections
1, 2	IP 7113004	Security Plan Changes		02/25/2002	03/01/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		02/25/2002	03/01/2002	Baseline Inspections
	<b>PSB-EP1</b>	<b>- EP EXERCISE BASELINE INSPECTION</b>	<b>3</b>			
1, 2	IP 7111401	Exercise Evaluation		03/25/2002	03/29/2002	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		03/25/2002	03/29/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/25/2002	03/29/2002	Baseline Inspections

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

**Arkansas Nuclear One  
Inspection / Activity Plan  
06/01/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>RP-1</b>	<b>- ACRSA AND PIV</b>	<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		04/15/2002	04/19/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		04/15/2002	04/19/2002	Baseline Inspections
	<b>RP-2</b>	<b>- ALARA</b>	<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		04/15/2002	04/19/2002	Baseline Inspections
	<b>EMB</b>	<b>- INSERVICE INSPECTION</b>	<b>1</b>			
1, 2	IP 7111108	Inservice Inspection Activities		04/22/2002	04/26/2002	Baseline Inspections
	<b>EMB</b>	<b>- MODIFICATIONS BIENNIAL</b>	<b>2</b>			
1, 2	IP 711117B	Permanent Plant Modifications		05/20/2002	05/24/2002	Baseline Inspections
	<b>TM-RP-P</b>	<b>- RP TEAM INSPECTION PUBLIC</b>	<b>4</b>			
1, 2	IP 7112103	Radiation Monitoring Instrumentation		05/20/2002	05/24/2002	Baseline Inspections
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		05/20/2002	05/24/2002	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		05/20/2002	05/24/2002	Baseline Inspections
1, 2	IP 7112203	Radiological Environmental Monitoring Program		05/20/2002	05/24/2002	Baseline Inspections

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