



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 EAST LAMAR BLVD
ARLINGTON, TEXAS 76011-4511

September 3, 2013

Jeremy Browning, Site Vice President
Arkansas Nuclear One
Entergy Operations, Inc.
1448 SR 333
Russellville, AR 72802-0967

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR ARKANSAS NUCLEAR ONE,
UNITS 1 AND 2 (REPORT 05000313/2013006 AND 05000368/2013006)

Dear Mr. Browning:

On August 14, 2013, the NRC completed its mid-cycle performance review of Arkansas Nuclear One, Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2012 through June 30, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined the performance at Arkansas Nuclear One, Units 1 and 2, during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., Green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be 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/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at (817) 200-1574 with any questions you have regarding this letter.

Sincerely,



Donald B. Allen, Chief
Project Branch E
Division of Reactor Projects

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

Enclosure: Arkansas Nuclear One, Units 1 and 2 Inspection / Activity Plan

Arkansas Nuclear One
Inspection / Activity Plan
09/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
1,2	06/24/2013	10/31/2013	2013PAIT - FOLLOW-UP AIT STATOR DROP INSP		4
	IP 71153			Followup of Events and Notices of Enforcement Discretion	
2	01/13/2014	01/17/2014	EXAM - INITIAL LICENSED OPERATOR EXAMINATION		5
	X02521			INITIAL EXAM-ANO UNIT 2 (04/2014)	
2	02/10/2014	02/17/2014	EXAM - INITIAL LICENSED OPERATOR EXAMINATION		5
	X02521			INITIAL EXAM-ANO UNIT 2 (04/2014)	
1	10/20/2014	10/24/2014	EXAM - INITIAL OPERATOR EXAM		3
	X02531			INITIAL EXAM- ANO UNIT 1 (1/1/15)	
1	11/17/2014	11/21/2014	EXAM - INITIAL OPERATOR EXAM		3
	X02531			INITIAL EXAM- ANO UNIT 1 (1/1/15)	
1,2	09/11/2013	09/12/2013	ISFSI - CTF PAD POUR		1
	IP 60855.1			Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
1	11/11/2013	11/11/2014	EXAM - INITIAL LICENSE EXAM		1
	X02531			INITIAL EXAM-ANO UNIT 1 (1/1/15)	
1,2	12/02/2013	12/06/2013	ISFSI - CTF DRY RUN/FIRST LOADING		1
	IP 60855.1			Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
1,2	12/09/2013	12/13/2013	PSB2-RP - RADIATION SAFETY		3
	IP 71124.01			Radiological Hazard Assessment and Exposure Controls	
1,2	12/09/2013	12/13/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	12/09/2013	12/13/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	12/09/2013	12/13/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	
1,2	01/06/2014	01/10/2014	EB2-03 - POST-APPROVAL LICENSE RENEWAL (TEAM)		4
	IP 71003			Post-Approval Site Inspection for License Renewal	
1,2	01/27/2014	01/31/2014	IP 71003	Post-Approval Site Inspection for License Renewal	
	EXAM			INITIAL OPERATOR EXAM - UNIT 2	1
2	01/01/2014	12/31/2014	X02521	INITIAL EXAM-ANO UNIT 2 (04/2014)	3
1,2	03/17/2014	03/21/2014	RS12 - RADIATION SAFETY		3
	IP 71124.01			Radiological Hazard Assessment and Exposure Controls	
1,2	03/17/2014	03/21/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	03/17/2014	03/21/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1,2	03/17/2014	03/21/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
2	03/17/2014	03/28/2014	71111.08 - ANO U2 INSERVICE INSPECTION		1
	IP 7111108P			Inservice Inspection Activities - PWR	
1,2	05/12/2014	05/16/2014	RS 5678 - RADIATION SAFETY - TEAM		8
	IP 71124.05			Radiation Monitoring Instrumentation	
1,2	05/12/2014	05/16/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	

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
 09/01/2013 - 12/31/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		RS 5678 - RADIATION SAFETY - TEAM		8
1,2	05/12/2014 05/16/2014	IP 71124.07	Radiological Environmental Monitoring Program	
1,2	05/12/2014 05/16/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
		INSP - BIENNIAL REQUAL INSPECTION		4
1,2	07/07/2014 07/11/2014	IP 7111111B	Licensed Operator Requalification Program	
		EB1-17T - TRIENNIAL PERM PLANT MODS & 50.59		3
1,2	07/28/2014 08/08/2014	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
		EP-1 - EP PERFORMANCE INDICATORS		1
1,2	10/20/2014 10/24/2014	IP 71151-EP01	Drill/Exercise Performance	
1,2	10/20/2014 10/24/2014	IP 71151-EP02	ERO Drill Participation	
1,2	10/20/2014 10/24/2014	IP 71151-EP03	Alert & Notification System	
		EP-3 - BIENNIAL EXERCISE INSPECTION HAB		5
1,2	10/20/2014 10/24/2014	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
		EB2-03 - POST-APPROVAL LICENSE RENEWAL (FOLLOWUP)		1
1,2	12/01/2014 12/05/2014	IP 71003	Post-Approval Site Inspection for License Renewal	

Comments:

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