



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-4005**

August 30, 2004

Rick A. Muench, President and  
Chief Executive Officer  
Wolf Creek Nuclear Operating Corporation  
P.O. Box 411  
Burlington, KS 66839

**SUBJECT: MIDCYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -  
WOLF CREEK GENERATING STATION**

Dear Muench:

On August 5, 2004, the NRC staff completed its midcycle plant performance assessment of Wolf Creek Generating Station. The midcycle review for Wolf Creek Generating Station involved the participation of all technical divisions in evaluating performance for the first half of the calendar year 2004 assessment cycle. The process included a review of performance indicators (PIs) for the most recent quarter and inspection results over the previous 12 months. 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 that may conflict with your plant activities.

This performance review and inspection plan does not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" will include the physical protection review and resultant inspection plan.

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). Therefore, we plan to conduct only reactor oversight process (ROP) baseline inspections at your facility through March 31, 2006.

The enclosed inspection plan details the inspections, except those related to physical protection, scheduled through March 31, 2006. 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 inspections in the last 12 months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.390 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/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 817-860-8141 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/ PHHarrell for

David N. Graves, Chief  
Project Branch B  
Division of Reactor Projects

Docket: 50-482  
License: NPF-42

Enclosure:  
Wolf Creek Inspection/Activity Plan

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ADAMS:  Yes     No    Initials: \_\_ath\_\_  
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8/13/04	8/25/04	8/27/04	8/27/04	

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**Wolf Creek**  
**Inspection / Activity Plan**  
**08/01/2004 - 03/31/2006**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>PEB-52 - BIENNIAL PIR</b>		<b>4</b>			
1	IP 71152	Identification and Resolution of Problems		08/02/2004	08/06/2004	Baseline Inspections
	<b>RP TEAM - RAD SAFETY TEAM</b>		<b>4</b>			
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/16/2004	08/20/2004	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/16/2004	08/20/2004	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		08/16/2004	08/20/2004	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program		08/16/2004	08/20/2004	Baseline Inspections
	<b>ACRSA - ACCESS CONTROL FOR RAD SIGNIFICANT AREAS</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/28/2005	04/01/2005	Baseline Inspections
	<b>EB21/02 - SSD&amp;PCI/50.59</b>		<b>5</b>			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		06/27/2005	07/01/2005	Baseline Inspections
1	IP 7111121	Safety System Design and Performance Capability		07/11/2005	07/15/2005	Baseline Inspections
	<b>ALARA2 - ALARA PLANNING AND CONTROLS</b>		<b>1</b>			
1	IP 7112102	ALARA Planning and Controls		06/20/2005	06/24/2005	Baseline Inspections
	<b>PEB-07B - HX PERFORMANCE</b>		<b>1</b>			
1	IP 7111107B	Heat Sink Performance		09/12/2005	09/16/2005	Baseline Inspections
	<b>OB-RQ - REQUAL INSPECTION</b>		<b>3</b>			
1	IP 7111111B	Licensed Operator Requalification Program		09/19/2005	09/23/2005	Baseline Inspections
	<b>EB08P - ISI</b>		<b>1</b>			
1	IP 7111108P	Inservice Inspection Activities - PWR		09/26/2005	09/30/2005	Baseline Inspections
1	IP 7111108P	Inservice Inspection Activities - PWR		10/03/2005	10/07/2005	Baseline Inspections
	<b>PEB-12B - MAINTENANCE RULE BIENNIAL</b>		<b>1</b>			
1	IP 7111112B	Maintenance Effectiveness		10/03/2005	10/07/2005	Baseline Inspections
	<b>PEB-05T - TRIENNIAL FIRE PROTECTION</b>		<b>4</b>			
1	IP 7111105T	Fire Protection		11/14/2005	11/18/2005	Baseline Inspections
1	IP 7111105T	Fire Protection		11/28/2005	12/01/2005	Baseline Inspections
	<b>OB-EP EX - EMERG PREPAREDNESS EXERCISE</b>		<b>3</b>			
1	IP 7111401	Exercise Evaluation		11/14/2005	11/18/2005	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		11/14/2005	11/18/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		11/14/2005	11/18/2005	Baseline Inspections
	<b>PEB - WC PIR INSPECTION</b>		<b>3</b>			
1	IP 71152B	Identification and Resolution of Problems		01/30/2006	02/03/2006	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		02/13/2006	02/17/2006	Baseline Inspections
	<b>EB - PERMANENT PLANT MODS</b>		<b>2</b>			
1	IP 7111117B	Permanent Plant Modifications		02/06/2006	02/10/2006	Baseline Inspections

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

**Wolf Creek**  
**Inspection / Activity Plan**  
**08/01/2004 - 03/31/2006**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
<b>OB-INIT - INITIAL EXAM</b>			<b>1</b>			
1	X02293	WOLF CREEK INITIAL EXAM (03/06)		02/13/2006	02/17/2006	Not Applicable
1	X02293	WOLF CREEK INITIAL EXAM (03/06)		03/06/2006	03/10/2006	Not Applicable

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