



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

August 31, 2006

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 Mr. Muench:

On August 10, 2006, the NRC staff completed its performance review of Wolf Creek Generating Station for the first half of the calendar year 2006 assessment cycle. Our technical staff reviewed performance indicators 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.

This performance review and enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Official Use Only - Security-Related Information" will include the physical protection review and resultant inspection plan.

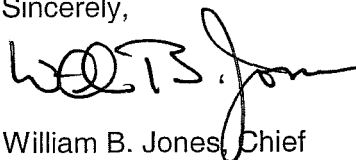
Plant performance for the most recent quarter at Wolf Creek Generating Station was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all performance indicators indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, except those related to physical protection, scheduled through March 31, 2008. In addition to baseline inspections, we plan to conduct the temporary instructions identified in the inspection plan. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 9 months of the inspection plan are tentative and may be revised at the annual performance assessment review.

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,

A handwritten signature in black ink, appearing to read "W. B. Jones". The signature is fluid and cursive, with the first name "W" being particularly large and stylized.

William B. Jones, Chief
Project Branch B
Division of Reactor Projects

Docket: 50-482
License: NPF-42

Enclosure:
Wolf Creek Inspection/Activity Plan

cc w/enclosure:
Vice President Operations/Plant Manager
Wolf Creek Nuclear Operating Corp.
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SUNSI Review Completed: WBJ ADAMS: Yes No Initials: WBJ_____

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R:\ REACTORS\EOC and Midcycle\Midcycle Assessment Letters\2006\WC

RIV:C:DRP/B concurrence	D:DRS	D:DRP	C:DRP/B signature
WBJones;df	DDChamberlain	ATHowell III	WBJones
/RA/	RJCaniano for	/RA/	
8/23/06	8/24/06	8/25/06	8/25/06

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Wolf Creek
Inspection / Activity Plan
07/01/2006 - 03/31/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End	Inspection Type
	Q2-EP - Q2 - EMERGENCY PREPAREDNESS INSPECTION		2		
1	IP 7111401	Exercise Evaluation		04/08/2006 07/07/2006	Baseline Inspections
1	IP 7111402	Alert and Notification System Testing		04/08/2006 07/07/2006	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		04/08/2006 07/07/2006	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		04/08/2006 07/07/2006	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		04/08/2006 07/07/2006	Baseline Inspections
1	IP 7111406	Drill Evaluation		04/08/2006 07/07/2006	Baseline Inspections
	TI 169 - MSPI VERIFICATION		1		
1	IP 2515/169	Mitigating Systems Performance Index Verification		07/08/2006 10/07/2006	Safety Issues
	RP TEAM - RADIATION PROTECTION TEAM INSPECTION		5		
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/14/2006 08/18/2006	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/14/2006 08/18/2006	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		08/14/2006 08/18/2006	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		08/14/2006 08/18/2006	Baseline Inspections
	OB-RQ - REQUALIFICATION		3		
1	IP 711111B	Licensed Operator Requalification Program		08/26/2006 08/30/2006	Baseline Inspections
	TI-150 - RPV & VHP NOZZLES EA-03-009		2		
1	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC ORDER EA-03-		09/22/2006 10/22/2006	Safety Issues
	EB1-08P - ISI & TI 166		2		
1	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02		10/16/2006 10/27/2006	Safety Issues
1	IP 7111108P	Inservice Inspection Activities - PWR		10/16/2006 10/27/2006	Baseline Inspections
	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1		
1	IP 7112101	Access Control to Radiologically Significant Areas		10/16/2006 10/20/2006	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		10/16/2006 10/20/2006	Baseline Inspections
1	IP 71151	Performance Indicator Verification		10/16/2006 10/20/2006	Baseline Inspections
	EP2 - EMERG PREPAREDNESS PROGRAM INSPECTION		1		
1	IP 7111402	Alert and Notification System Testing		11/27/2006 12/01/2006	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		11/27/2006 12/01/2006	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		11/27/2006 12/01/2006	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		11/27/2006 12/01/2006	Baseline Inspections
1	IP 71151	Performance Indicator Verification		11/27/2006 12/01/2006	Baseline Inspections
	FP-OI - FP OPEN ITEMS CLOSEOUT		3		
1	IP 7111105T	Fire Protection [Triennial]		12/11/2006 12/15/2006	Other Routine
	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1		
1	IP 7112101	Access Control to Radiologically Significant Areas		03/26/2007 03/30/2007	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
 07/01/2006 - 03/31/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End	Inspection Type
1	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1		
1	IP 7112102	ALARA Planning and Controls		03/26/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		03/26/2007	Baseline Inspections
1	LR-SCOPE - SCOPING AND SCREENING		5		
1	IP 71002	License Renewal Inspection		06/04/2007	License Renewal Insp
1	IP 71002	License Renewal Inspection		06/18/2007	License Renewal Insp
1	EB1-21 - CDB		7		
1	IP 7111121	Component Design Bases Inspection		06/25/2007	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		07/09/2007	Baseline Inspections
1	EB2-12T - MAINTENANCE RULE TRIENNIAL		2		
1	IP 711112B	Maintenance Effectiveness		07/23/2007	Baseline Inspections
1	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1		
1	IP 7112101	Access Control to Radiologically Significant Areas		08/13/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		08/13/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		08/13/2007	Baseline Inspections
1	EB2-07B - HEAT SINK INSPECTION		1		
1	IP 7111107B	Heat Sink Performance		09/24/2007	Baseline Inspections
1	EXAM - INITIAL EXAM		3		
1	X02356	WOLF CREEK - INITIAL EXAM (12/07)		10/08/2007	Not Applicable
1	X02356	WOLF CREEK - INITIAL EXAM (12/07)		10/29/2007	Not Applicable
1	EPI - EMERG PREP EXERCISE		3		
1	IP 7111401	Exercise Evaluation		11/05/2007	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		11/05/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		11/05/2007	Baseline Inspections
1	EB2-52B - BIENNIAL P&R INSPECTION		1		
1	IP 71152B	Identification and Resolution of Problems		01/28/2008	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		02/11/2008	Baseline Inspections
1	EB1-2/17 - 50.59 & PERM MODS		4		
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		03/24/2008	Baseline Inspections
1	IP 711117B	Permanent Plant Modifications		03/24/2008	Baseline Inspections

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