



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

August 27, 2003

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

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

Dear Mr. Muench:

On August 6, 2003, 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 indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, January 1 through December 31, 2003. 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.

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, based on your safety performance, we plan to conduct baseline inspections at your facility through September 30, 2004. However, in addition to the baseline inspections, Temporary Instruction 2515/150, "Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-02)," will be performed during the upcoming refueling outage.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. 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 6 months of the inspection plan 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 system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Wolf Creek Nuclear Operating Corporation -2-

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/

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

Docket: 50-482
License: NPF-42

Enclosure:
Wolf Creek Generating Station Inspection/Activity Plan

cc w/enclosure:
Site Vice President
Wolf Creek Nuclear Operating Corp.
P.O. Box 411
Burlington, Kansas 66839

Jay Silberg, Esq.
Shaw, Pittman, Potts & Trowbridge
2300 N Street, NW
Washington, DC 20037

Supervisor Licensing
Wolf Creek Nuclear Operating Corp.
P.O. Box 411
Burlington, Kansas 66839

Chief Engineer
Utilities Division
Kansas Corporation Commission
1500 SW Arrowhead Rd.
Topeka, Kansas 66604-4027

Office of the Governor
State of Kansas
Topeka, Kansas 66612

Attorney General
120 S.W. 10th Avenue, 2nd Floor
Topeka, Kansas 66612-1597

County Clerk
Coffey County Courthouse
110 South 6th Street
Burlington, Kansas 66839-1798

Chief, Radiation and Asbestos
Control Section
Kansas Department of Health
and Environment
Bureau of Air and Radiation
1000 SW Jackson, Suite 310
Topeka, Kansas 66612-1366

Frank Moussa, Technological
Hazards Administrator
Department of the Adjutant General
2800 SW Topeka Blvd.
Topeka, Kansas 66611-1287

Wolf Creek
Inspection / Activity Plan
08/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	OB-RQ	- REQUAL INSPECTION	2			
1	IP 7111111B	Licensed Operator Requalification		08/04/2003	08/08/2003	Baseline Inspections
	PSBS1-DS	- SECURITY BASELINE INSPECTION	1			
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		09/09/2003	09/12/2003	Baseline Inspections
1	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Stra		09/09/2003	09/12/2003	Baseline Inspections
1	IP 711151	Performance Indicator Verification		09/09/2003	09/12/2003	Baseline Inspections
	EMB	- ISI & ISI/SG INSPECTIONS	1			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/06/2003	10/10/2003	Baseline Inspections
1	IP 7111108P	Inservice Inspection Activities - PWR		10/20/2003	10/24/2003	Baseline Inspections
	PBB	- TI 2515/150 RPV HEAD INSPECTION	2			
1	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-0		10/18/2003	11/01/2003	Safety Issues
	ALARA2	- ALARA PLANNING AND CONTROLS	1			
1	IP 7112102	ALARA Planning and Controls		10/20/2003	10/24/2003	Baseline Inspections
	ACCESSPI	- ACRSA/PI	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		10/27/2003	10/31/2003	Baseline Inspections
1	IP 711151	Performance Indicator Verification		10/27/2003	10/31/2003	Baseline Inspections
	EMB	- PERM. PLANT MODIFICATIONS	2			
1	IP 7111117B	Permanent Plant Modifications		02/23/2004	02/27/2004	Baseline Inspections
	OB-EX	- OB-INITIAL EXAMINATION	5			
1	X02247	WOLF CREEK - INITIAL EXAM (12/03)		04/19/2004	04/23/2004	Not Applicable
1	X02247	WOLF CREEK - INITIAL EXAM (12/03)		05/10/2004	05/14/2004	Not Applicable
	ALARA1	- ALARA PLANNING AND CONTROLS	1			
1	IP 7112102	ALARA Planning and Controls		03/08/2004	03/12/2004	Baseline Inspections
	ACCESSPI	- ACRSA/PIV	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/05/2004	04/09/2004	Baseline Inspections
	PSB-EP1	- EP PROGRAM INSPECTION	1			
1	IP 7111402	Alert and Notification System Testing		04/19/2004	04/23/2004	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		04/19/2004	04/23/2004	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		04/19/2004	04/23/2004	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		04/19/2004	04/23/2004	Baseline Inspections
1	IP 711151	Performance Indicator Verification		04/19/2004	04/23/2004	Baseline Inspections
	PIR	- BIENNIAL PIR	4			
1	IP 71152B	Identification and Resolution of Problems		07/19/2004	08/06/2004	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
08/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
RP TEAM - RAD SAFETY TEAM			4			
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

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