



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

March 2, 2005

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

SUBJECT: ANNUAL ASSESSMENT LETTER - WOLF CREEK GENERATING STATION
(REPORT 05000482/2005001)

Dear Mr. Muench:

On February 2, 2005, the NRC staff completed its end-of-cycle plant performance assessment of Wolf Creek Generating Station. The end-of-cycle review for Wolf Creek Generating Station involved the participation of the reactor technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2004. 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 enclosed inspection plan do not include physical protection information. A separate end-of-cycle performance review 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.

Overall, Wolf Creek Generating Station 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 reactor oversight process baseline inspections at your facility through September 30, 2006. Additionally, we plan to conduct inspections in accordance with Temporary Instruction 2515/160, "Pressurizer Penetration Nozzles and Steam Space Piping Connections in U.S. Pressurized Water Reactors (NRC Bulletin 2004-01)."

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 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 9 months of the inspection plan are tentative and may be revised at the midcycle 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 this 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 Inspection/Activity Plan

cc w/enclosure:
Vice President Operations/Plant Manager
Wolf Creek Nuclear Operating Corp.
P.O. Box 411
Burlington, KS 66839

Jay Silberg, Esq.
Shaw Pittman, LLP
2300 N Street, NW
Washington, DC 20037

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

Chief Engineer
Utilities Division
Kansas Corporation Commission
1500 SW Arrowhead Road
Topeka, KS 66604-4027

Office of the Governor
State of Kansas
Topeka, KS 66612

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

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

Vick L. Cooper, Chief, Air Operating
Permit and Compliance Section
Kansas Department of Health and
Environment
Bureau of Air and Radiation
1000 SW Jackson, Suite 310
Topeka, KS 66612-1366

Gene Merry, Chairman
Coffey County Commissioner
110 South 6th Street
Burlington, KS 66839

Rebecca Jewett
Coffey County Emergency
Preparedness
110 South 6th Street
Burlington, KS 66839

The Honorable Rick Raymer
Mayor, City of Burlington
City Hall
P.O. Box 207
Burlington, KS 66839

The Honorable Bill Freeman
Mayor, City of LeRoy
713 Main Street
LeRoy, KS 66857

The Honorable Mark Petterson
Mayor, City of New Strawn
City Hall
P.O. Box 922
New Strawn, KS 66839-0922

The Honorable Craig Meader
Mayor, City of Waverly
P.O. Box 308
Waverly, KS 66871

Dave Beck
Allen County Emergency
Preparedness Coordinator
Allen County Courthouse
P.O. Box 433
Iola, KS 66749

Rick Frevbert
Lyon County Emergency
Preparedness Coordinator
425 Mechanic St.
Emporia, KS 66801

Gary Benjamin
Anderson County Emergency
Preparedness Coordinator
315 Orange Street
Garnett, KS 66032

Wes Henderson, Acting Director
Public Service Commission
301 E. High
P.O. Box 360
Jefferson City, MO 65102

Dick Hainje, Regional Director
FEMA Region VII
Department of Homeland Security
2323 Grand Boulevard, Suite 900
Kansas City, MO 64108-2670

Ronald A. Kucera, Deputy Director
for Public Policy
Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65102

Scott Clardy, Director
Section for Environmental Public Health
P.O. Box 570
Jefferson City, MO 65102-0570

Ron Reynolds, Director
State Emergency Management Agency
P.O. Box 116
Jefferson City, MO 65102-0116

Randy Rogers, Sheriff
Coffey County Sheriff's Dept.
110 South 6th Street
Burlington, KS 66839

The Honorable Larry Kelley
Mayor, City of Gridley
P.O. Box 182
Gridley, KS 66852

The Honorable Ed Fisher
Mayor, City of Lebo
P.O. Box 14
Lebo, KS 66856-0014

Tom Williams, Sheriff
Allen County Courthouse
P.O. Box 433
Iola, KS 66749

Tim Sipe
Coffey County Commissioner
110 South 6th Street
Burlington, KS 66839

Larry Crotts
Coffey County Commissioner
110 South 6th Street
Burlington, KS 66839

Kraig Kirchner
Coffey County Commissioner
110 South 6th Street
Burlington, KS 66839

Fred Rowley, Vice Chairman
Coffey County Commissioner
110 South 6th Street
Burlington, KS 66839

Institute of Nuclear Power Operations (INPO)
Records Center
700 Galleria Parkway SE, Suite 100
Atlanta, GA 30339

Electronic distribution by RIV:

Regional Administrator (**BSM1**)

DRP Director (**ATH**)

DRS Director (**DDC**)

DRS Deputy Director (**MRS**)

Senior Resident Inspector (**FLB2**)

Resident Inspector (**TBR2**)

SRI, Callaway (**MSP**)

Branch Chief, DRP/B (**DNG**)

Senior Project Engineer, DRP/B (**RAK1**)

Team Leader, DRP/TSS (**RLN1**)

RITS Coordinator (**KEG**)

V. Dricks, PAO (**VLD**)

W. Maier, RSLO (**WAM**)

C. Gordon (**CJG**)

RidsNrrDipmlipb

DRS Branch Chiefs (**LJS, MPS1, ATG, JAC**)

S. Richards, Chief, NRR/DIPM/IIPB (**SAR**)

M. Case, Deputy Dir. for Inspection and Programs (**MJC**)

B. Sheron, Associate Dir. for Project Licensing and Technical Analysis (**BWS**)

B. Wetzel, Acting Chief, ROPMS, OEDO (**BAW**)

H. Berkow, Director, LPD4, NRR/DLPM (**HNB**)

R. Gramm, Chief, PDIV-2, NRR/DLPM (**RAG**)

J. Donohew, Project Manager (**JND**)

SISP Review Completed: dng ADAMS: / Yes G No Initials: dng
 / Publicly Available G Non-Publicly Available G Sensitive / Non-Sensitive

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RIV:C:DRP/B	D:DRS	D:DRP	Signature	
DNGraves;df	DDChamberlain	ATHowell III	DNGraves	
/RA/	/RA/	/RA/	/RA/	
2/28/05	2/25/05	2/23/05	3/2/05	

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T=Telephone

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Wolf Creek
Inspection / Activity Plan
03/04/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	ACRSA	- ACCESS CONTROL FOR RAD SIGNIFICANT AREAS	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/11/2005	04/15/2005	Baseline Inspections
	TI-160	- PRESSURIZER NOZZLE WELD INSPECTION	4			
1	IP 2515/160	Pzr Pene Nozzles & Stm Space Piping Connections in U.S. PWRs [NRC Bulletin 2004-01]		04/11/2005	04/22/2005	Safety Issues
	EB08P	- ISI	1			
1	IP 7111108P	Inservice Inspection Activities - PWR		04/11/2005	04/15/2005	Baseline Inspections
1	IP 7111108P	Inservice Inspection Activities - PWR		04/18/2005	04/22/2005	Baseline Inspections
	EB21/02	- SSD&PCI/50.59	5			
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
	ALARA2	- ALARA PLANNING AND CONTROLS	1			
1	IP 7112102	ALARA Planning and Controls		06/20/2005	06/24/2005	Baseline Inspections
	PEB-07B	- HX PERFORMANCE	2			
1	IP 7111107B	Heat Sink Performance		09/12/2005	09/16/2005	Baseline Inspections
	OB-RQ	- REQUAL INSPECTION	3			
1	IP 7111111B	Licensed Operator Requalification Program		09/19/2005	09/23/2005	Baseline Inspections
	PEB-12B	- MAINTENANCE RULE BIENNIAL	1			
1	IP 7111112B	Maintenance Effectiveness		10/03/2005	10/07/2005	Baseline Inspections
	PEB-05T	- TRIENNIAL FIRE PROTECTION	6			
1	IP 7111105T	Fire Protection		10/24/2005	10/28/2005	Baseline Inspections
1	IP 7111105T	Fire Protection		11/28/2005	12/01/2005	Baseline Inspections
	OB-EP EX	- EMERG PREPAREDNESS EXERCISE	3			
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
	PEB	- WC PIR INSPECTION	3			
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
	OB-INIT	- INITIAL EXAM	4			
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
	EB	- PERMANENT MODS/50.59	3			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		04/17/2006	04/21/2006	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		04/17/2006	04/21/2006	Baseline Inspections

Wolf Creek
Inspection / Activity Plan
03/04/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	ALARA1 - ALARA PLANNING AND CONTROLS		1			
1	IP 7112102	ALARA Planning and Controls		05/15/2006	05/19/2006	Baseline Inspections
	OB-RQ - REQUALIFICATION		3			
1	IP 7111111B	Licensed Operator Requalification Program		07/10/2006	07/14/2006	Baseline Inspections
	RP TEAM - RP SAFETY TEAM		3			
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/14/2006	08/20/2006	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/14/2006	08/20/2006	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		08/14/2006	08/20/2006	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program		08/14/2006	08/20/2006	Baseline Inspections
	ACRSA - ACCESS CONTROL TO RAD SIGNIFICANT AREAS		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/25/2006	09/29/2006	Baseline Inspections