



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

April 11, 2011

Mr. Matthew W. Sunseri, President and
Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
P.O. Box 411
Burlington, KS 66839

SUBJECT: SUMMARY OF ANNUAL PERFORMANCE ASSESSMENT MEETING WITH
WOLF CREEK NUCLEAR OPERATING CORPORATION

Dear Mr. Sunseri:

On April 5, 2011, representatives of Wolf Creek Nuclear Operating Corporation met with NRC personnel at the Coffey County Library to discuss the Wolf Creek Generating Station performance for the NRC inspection period ending December 31, 2010. The list of attendees, a copy of Wolf Creek's presentation, and a copy of the NRC's presentation are included as Enclosures 1, 2 and 3, respectively.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html> (The Public Electronic Reading Room).

Sincerely,

/RA/

Geoffrey Miller
Chief, Project Branch B
Division of Reactor Projects

Docket: 50-482
License: NPF-42

Enclosures:

1. Attendance List
2. Wolf Creek Presentation Slides
3. NRC Presentation Slides

Distribution via Listserv:

Electronic Distribution:

NRC Attendees

PMNS Resource, Mtg Announcement Coordinator

Elmo Collins, RA

Art Howell, DRA

Kriss Kennedy, D:DRP

Troy Pruett, DD:DRP

Anton Vogel, D:DRS

Mark Haire, C:DRS/OB

Sue Bogle (OEWEB Resource)

Stephanie Bush-Goddard, OEDO RIV ETA

OEMAIL, D/OE

Amy Powell, OCA

Jenny Weil, Congressional Affairs Officer

Randy Hall, Project Manager, NRR

Geoffrey Miller, Branch Chief, PB/B

Rick Deese, Senior Project Engineer, PB/B

Leonard Willoughby, Senior Project Engineer, PB/B

Nestor Makris, Project Engineer

Victor Dricks, Region IV PAO

Lara Uselding, Region IV PAO

Bill Maier, Region IV RSLO

Karla Fuller, Region IV RC

Nick Taylor, Region IV ACES

Shirley Allen, Site Administrative Assistant

Phil Longdo, Receptionist

Ann Mattila, Security Advisor

R:_REACTORS\EOC and Midcycle\EOC Meeting Summaries\2011\WC EOC MS 04-05-11

SUNSI Rev Compl.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reviewer Initials	NJM
Publicly Avail	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sens. Type Initials	NJM
RIV/PE:DRP/B	C:DRP/B				
NJ Makris	GB Miller				
/RA/	/RA/				
4/11/11	4/11/11				

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

PUBLIC MEETING ATTENDANCE

LICENSEE / FACILITY	Wolf Creek Nuclear Operating Corp. / Wolf Creek		
DATE / TIME	April 5, 2011 / 6:00 p.m.		
LOCATION	Coffey County Library, Burlington, KS		
NAME (PLEASE PRINT)	Organization	Phone	E-mail
Marilyn Brooks	WCNOC		
Annette Stull	WCNOC		
Bill Maness	District Rep for U.S. Senator Jerry Moran		
Russel Stukey	Coffey County Emergency Manage.		
Dave Efbie	WCNOC		
Carol Sunseri	WCNOC		
Mark Petterson	The Coffey County Republican		
Scott Whittington	Lyon-Coffey Ele		
Kenneth Oliver	Retired WCNOC		
John Evans	Retired Westar		
Roe Hinstley	WCNOC		
Sheila Hinstley			
JACOB CHASEY	WCNOC		

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LOCATION	Coffey County Library, Burlington, KS		
NAME (PLEASE PRINT)	Organization	Phone	E-mail
Diane Hooper	WCNOC		
Ed Peterson	WCNOC		
Jenny Hageman	WCNOC		
Timothy F. East	WCNOC		
GAUTAM SEN	WCNOC		
Terry Romig	WCNOC Farmer Land Owner		
Gary Boyer	Self		
MW Sunseri	WCNOC		
Bub Freeman	Self		
Courtney Beatty	KCP, L		
Jeanne Sen	Live in town		
Chris Partridge	WCNOC		
Edward Ray	WCNOC		

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LOCATION	Coffey County Library, Burlington, KS		
NAME (PLEASE PRINT)	Organization	Phone	E-mail
Lucille Rockers	WCNOC		
Bill Muilenburg	WCNOC		
Frank Rodkey	none		
Jennifer Kunkel	WCNOC		
Katie McDonald	KCP&L		
Russell Smith	WCNOC		
Rick Zyduke	WCNOC		
Edward M. Rolf	G.C.I.		
Mary Stevenson	WCNOC		
Tyler Greenfield	WCNOC		
Terry Garrett	WCNOC		
Steve Henry	WCNOC		
Todd Newkirk	IBEW		

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NAME (PLEASE PRINT)	Organization	Phone	E-mail
MARC Knele	Westar Energy		
John Johnson	Public		
DANA Crawford	KEPC		
Chuck Clanchan	DHS		
Don Glisen	WCNOC		
Jennifer Trimble	CC Library		
John Giffe	WCNOC		
Zerry Zwick	OIG SRE		
Enio Tomeoni	WIBW		

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NAME (PLEASE PRINT)	Organization	Phone	E-mail
Tom Conley	KDHE		
Mary Conley	Self		
Gina Penz	Westar		
Erz Benjamin	WCNOC		
David Phelps	Westar		
Joan Feinert	WCNOC		
LES EVANS	KEPLC		
Susan Ockun	WCNOC		
Steve Trendel	WCNOC		
S. E. HEDGES	WCNOC		
Roger A. Cole	Syon Coffey Electric		
THOMAS LANGER	KS DEPT of HEALTH		
KIMBERLY SKILLMAN	COUNTY COMMISSIONER		

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NAME (PLEASE PRINT)	Organization	Phone	E-mail
Jennifer Clark	KDEM		
Jonathan York	KDEM		
Jay Atkin	Local		



Wolf Creek Nuclear Operating Corporation

End of Cycle Meeting

April 5, 2011

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Wolf Creek Team

- Matt Sunseri, President & CEO
- Steve Hedges, Site Vice President
- Terry Garrett, Vice President Engineering
- Russell Smith, Plant Manager

2



Improving Station Performance

Key improvement areas:

- Problem identification and resolution
- Human performance
- Safety conscious work environment

3



Management Oversight

- Increasing leadership involvement
- Strategic Benchmarking
- Operational Focus
- Challenge boards for key evaluations
- Performance metrics

4



Equipment Improvements

- Essential Service Water
- Grid reliability
- Emergency Electrical Generators

5



Training

- Engineering
- Operations
- Station-wide

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Closing Comments

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Wolf Creek Generating Station 2010 Annual Assessment Meeting

**Nuclear Regulatory Commission - Region IV
Burlington, KS
April 5, 2011**

1



Purpose of Today's Meeting

- A public forum for discussion of Wolf Creek performance in 2010
- NRC will discuss performance issues in the annual assessment letter
- Opportunity for the licensee to respond

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Protecting People and the Environment



NRC Performance Goals

- **Safety:** Ensure adequate protection of public health and safety and the environment.
- **Security:** Ensure adequate protection in the secure use and management of radioactive materials.

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Protecting People and the Environment



Wolf Creek Inspection Activities

January 1 - December 31, 2010

- **Direct Inspection – 4700 hours**
 - Resident inspectors on site daily
 - Regional specialist inspectors
 - Maintenance
 - Operations
 - Engineering
 - Radiation Protection
 - Security
 - Emergency Preparedness

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Protecting People and the Environment



Regulatory Framework

Two inputs used for performance assessment

- **Performance Indicators**
- **Inspection Findings**

Green - Very low safety issue
Low to moderate safety issue
Substantial safety issue

Red - High safety issue

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Protecting People and the Environment



Wolf Creek Assessment Results

Wolf Creek is operating safely

All inspection findings were Green;
Three White Performance Indicators:

- **Unplanned Scrams per 7000 Critical Hours**
- **Unplanned Scrams with Complications**
- **Safety System Functional Failures**

Place Wolf Creek in the Degraded
Cornerstone Column

6

Protecting People and the Environment



Wolf Creek Assessment Results

Continued concerns with:

- Evaluation of Problems
- Effective Corrective Actions
- Human Performance

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Protecting People and the Environment



Action Matrix

Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple/Rep. Degraded Cornerstone	Unacceptable Performance
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Increasing Safety Significance

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

Increasing NRC Inspection Efforts → Supplemental Inspection

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Protecting People and the Environment



Supplemental Inspection (Inspection Procedure 95002)

Conducted First Quarter 2011

- Independent review of cause evaluations and corrective actions
- Independent assessment of extent of issues and safety culture contribution

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Protecting People and the Environment



Supplemental Inspection (Inspection Procedure 95002)

Results:

- Technical issues addressed
- Causes identified and evaluated
- Appropriate corrective actions developed
- Implementation of corrective action plan

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Protecting People and the Environment



Planned Inspection Activities

January 1 - December 31, 2011

NRC plans baseline inspections, plus:

- **PI&R and Human Performance follow-up**
- **Safety system voiding controls review**
- **Post-Fukushima safety review**

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Protecting People and the Environment



Licensee Response and Remarks

Matthew Sunseri
President & Chief Executive Officer
Wolf Creek Nuclear Operating Company

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Protecting People and the Environment



Concluding Remarks

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Protecting People and the Environment



Contacting the NRC

- **Report an emergency**
 - (301) 816-5100 (call collect)
- **Report a safety concern**
 - (800) 695-7403
 - Allegation@nrc.gov
- **General information or questions**
 - www.nrc.gov
 - Select “What We Do” for Public Affairs

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Protecting People and the Environment



Electronic Distribution

- To receive a summary of this meeting and begin receiving other plant-specific e-mail distributions, you must subscribe to the Operating Reactor Correspondence electronic distribution via <http://www.nrc.gov/public-involve/listserver/plants-by-region.html>.
- To discontinue receiving electronic distribution, you may unsubscribe at any time by visiting the same web address above.