



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

May 20, 2008

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

SUBJECT: SUMMARY OF ANNUAL PERFORMANCE ASSESSMENT MEETING FOR
WOLF CREEK GENERATING STATION

Dear Mr. Muench:

This refers to the meeting conducted in Burlington, Kansas, on May 15, 2008, to discuss the safety performance at Wolf Creek Generating Station between January 1 and December 31, 2007.

Topics discussed during the meeting included the Reactor Oversight Process and the safety performance at Wolf Creek Generating Station. Members of the public present at the meeting were allowed to ask questions and comments on the proceedings.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records 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).

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely yours,

Vincent G. Gaddy, Chief
Project Branch B
Division of Reactor Projects

Docket: 05-482
License: NPF-42

cc w/Enclosures:

1. Attendance List
2. NRC Presentation Slides

cc w/Enclosures:

Vice President Operations/Plant Manager
Wolf Creek Nuclear Operating Corp.
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Topeka, KS 66612

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Coffey County Courthouse
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Control Section
Kansas Department of Health and
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Bureau of Air and Radiation
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Bob Saueressig
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Fred Rowley, Vice Chairman
Coffey County Commissioner
110 South 6th Street
Burlington, KS 66839

Russel Stuke, Coffey County
Emergency Preparedness
110 South 6th Street
Burlington, KS 66839

Randy Rogers, Sheriff
Coffey County Sheriff's Dept.
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 Larry Kelley
Mayor, City of Gridley
P.O. Box 182
Gridley, KS 66852

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

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

END-OF-CYCLE MEETING ATTENDANCE

| | | | |
|----------------------------|---|-------------------------|-----------------------------|
| LICENSEE/FACILITY | Wolf Creek Generating Station | | |
| DATE/TIME | May 15, 2008 6: p.m. | | |
| LOCATION | Coffey County Library Burlington, KS | | |
| NAME (PLEASE PRINT) | Organization | Phone | E-mail |
| Rich Muench | WCNOC | 364-4000 | rmuench@ wcnoc.com |
| Bill Muilenburg | WCNOC | 364-8831 | wimuil@ wcnoc.com |
| Richard Flawnigim | WCPOC | 364-4117 | RIFLAND @wcpoc.com |
| Terry Garrett | WCNOC | 364-4084 | tegarre@ wcnoc.com |
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| Diane Hooper | WCNOC | 620364 8831 | dahooper@ wcnoc.com |
| David Phelps | WESTAR | 620-364 8831 ex 4430 | daphelp@ wcnoc.com |
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| Bob Saueressig | county commissioner | 364-2236 | _____ |
| Matt Sunseri | WCNOC | 364-4008 | MASUNSE@ wcnoc.com |
| Russell Suter | Coffey County Emergency Management | 364-2721 | rsuter@ coffeycounty.org |
| | | | |

END-OF-CYCLE MEETING ATTENDANCE

| | | | |
|----------------------------|---|-----------------|------------------|
| LICENSEE/FACILITY | Wolf Creek Generating Station | | |
| DATE/TIME | May 15, 2008 6: p.m. | | |
| LOCATION | Coffey County Library Burlington, KS | | |
| NAME (PLEASE PRINT) | Organization | Phone | E-mail |
| VINCENT GADDY | NRC | | |
| TONY VEGEL | NRC | | |
| CHRIS LONG | NRC | | |
| STEVE COCHRAN | NRC | | |
| BALWANT SINGAL | NRC | | |
| Shirley Allen | NRC | | |
| Jennifer Yank | EP WCNOC | 620 364-4244 | jeyank@wcnoc.com |
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Wolf Creek Generating Station Annual Assessment Meeting

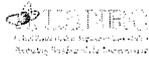
Reactor Oversight Program - CY 2007

Nuclear Regulatory Commission - Region IV
May 15, 2008



Purpose of Today's Meeting

- A public forum for discussion of the licensee's performance
- Open dialogue between Wolf Creek and NRC
 - NRC will discuss Wolf Creek's performance
 - Wolf Creek will be given the opportunity to respond



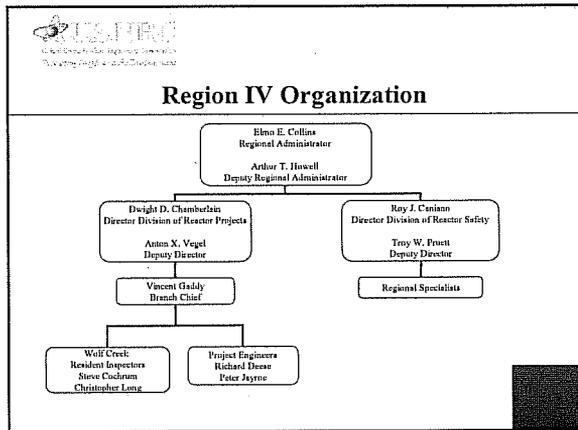
Agenda

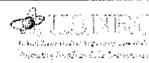
- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks
- Question and Answer Session

Enclosure 2

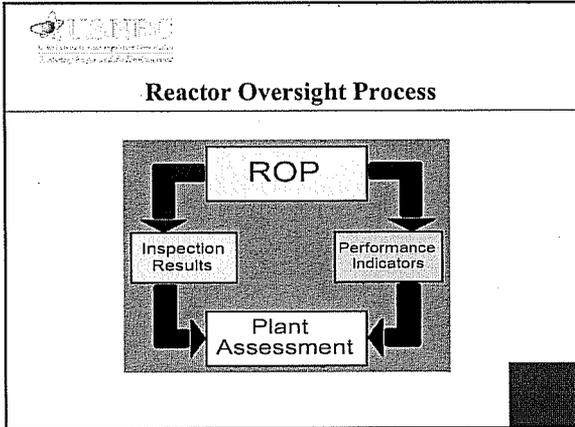
 **NRC Representatives**

- Tony Vege, Deputy Director, Division of Reactor Projects
(817) 860-8291
- Vincent Gaddy, Branch Chief
(817) 860-8141
- Steve Cochrum, Senior Resident Inspector
(620) 364-8653
- Christopher Long, Resident Inspector
(620) 364-8653
- Balwant Singal, Project Manager
(301) 415-3016



 **NRC Performance Goals**

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



Examples of Baseline Inspections

| | |
|----------------------------------|----------------------|
| • Equipment Alignment | ~80 hrs/yr |
| • Triennial Fire Protection | ~250 hrs every 3 yrs |
| • Operator Response | ~125 hrs/yr |
| • Emergency Preparedness | ~80 hrs/yr |
| • Rad Release Controls | ~110 hrs every 2 yrs |
| • Worker Radiation Protection | ~95 hrs/yr |
| • Corrective Action Program | ~250 hrs every 2 yrs |
| • Corrective Action Case Reviews | ~60 hrs/yr |

Significance Threshold

Performance Indicators

Green: Only Baseline Inspection
White: May increase NRC oversight
Yellow: Requires more NRC oversight
Red: Requires more NRC oversight

Inspection Findings

Green: Very Low safety issue
White: Low to moderate safety issue
Yellow: Substantial safety issue
Red: High safety issue

 **Nuclear Regulatory Commission**
 U.S. Department of Energy

Action Matrix Concept

| Licensee Response | Regulatory Response | Degraded Cornerstone | Multiple/Rep. Degraded Cornerstone | Unacceptable Performance |
|-------------------|---------------------|----------------------|------------------------------------|--------------------------|
|-------------------|---------------------|----------------------|------------------------------------|--------------------------|

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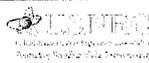
Increasing Safety Significance
Increasing NRC Inspection Efforts
Increasing NRC/Licensee Management Involvement
Increasing Regulatory Actions

 **Nuclear Regulatory Commission**
 U.S. Department of Energy

National Summary of Plant Performance

Status at End of CY 2007

| | |
|--|------------|
| Licensee Response | 87 |
| Regulatory Response | 8 |
| Degraded Cornerstone | 8 |
| Multiple/Repetitive Degraded Cornerstone | 1 |
| Unacceptable | 0 |
| Total | 104 |

 **Nuclear Regulatory Commission**
 U.S. Department of Energy

Wolf Creek Inspection Activities

(January 1 - December 31, 2007)

- Baseline Inspection Program
- Component Design Basis
- License Renewal Scoping/Screening



Wolf Creek Annual Assessment Summary

January 1 - December 31, 2007

- Wolf Creek was operated in a manner that preserved public health and safety and met all cornerstone objectives
- Wolf Creek was within the Licensee Response Column of the NRC Action Matrix
- Human Performance Substantive Crosscutting Issue was identified
- All Inspection Findings and Performance Indicators were Green (Very Low Safety Significance)
- NRC plans to conduct baseline inspections at Wolf Creek



Wolf Creek Annual Assessment Summary

- Human Performance Crosscutting Issue
 - 8 Findings in Work Practices Component
 - 4 Related to Failure to Use/Communicate Human Error Prevention Techniques
 - 4 Related to Failure to Communicate Expectations Regarding Procedural Compliance
 - Continuation of Previous Identified Common Theme



Wolf Creek Annual Assessment Summary

- Problem Identification and Resolution Crosscutting Findings
 - More Than 3 Findings
 - Common Theme (Failure to Implement Corrective Action With a Low Threshold to Allow for the Complete, Accurate, and Timely Resolution of Issues)
 - Initiated Corrective Action - No Crosscutting Issue Identified



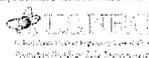
2008 Planned Inspection Activities

- Baseline inspection program
 - Occupational Radiation Safety Inspection
 - Triennial Fire Protection Inspection
 - Problem Identification and Resolution
- Temporary Instruction
 - 2515/150 Reactor Pressure Vessel Head and Vessel Head Penetration Inspection



Licensee Response and Remarks

Rick A. Muench
 Chief Executive Officer
 Wolf Creek Nuclear Operating Corporation



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



Reference Sources

- Reactor Oversight Process
– <http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html>
- Public Electronic Reading Room
– <http://www.nrc.gov/reading-rm.html>
- Public Document Room
– 1-800-397-4209 (Toll Free)
