March 3, 2004

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  
(NRC REPORT 05000482/2004001)

Dear Mr. Muench:

On February 4, 2004, 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 all technical divisions in evaluating performance indicators (PIs) for  
the most recent quarter and inspection results for the period from 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.

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).  However, the significance of an issue related to  
degraded fire barriers is still under review as part of the Significance Determination Process.  
Therefore, we plan to conduct only reactor oversight process (ROP) baseline inspections at  
your facility through September 30, 2005.

As you are aware, the NRC has issued several Orders and threat advisories to enhance  
security capabilities and improve guard force readiness since the terrorist attacks on  
September 11, 2001.  We have conducted inspections to review your implementation of these  
requirements and have monitored your actions in response to changing threat conditions.  For  
calendar year 2004, we plan to continue inspections of Order implementation combined with  
newly developed portions of the security baseline inspection program.  The enclosed inspection  
plan details the inspections scheduled through September 30, 2005.  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 12 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:
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RITS Coordinator (NBH)

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J. N. Donohew, Project Manager (JND)

ADAMS: ✗ Yes    □ No      Initials:  dng  
✗ Publicly Available    □ Non-Publicly Available   □ Sensitive   ✗ Non-Sensitive

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OFFICIAL RECORD COPY   T=Telephone   E=E-mail   F=Fax
### Wolf Creek Inspection / Activity Plan

#### 03/01/2004 - 10/01/2005

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<th>Inspection Activity</th>
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This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.
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