

WOLF CREEK

NUCLEAR OPERATING CORPORATION

May 23, 2008

Terry J. Garrett
Vice President, Engineering

ET 08-0033

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Reference:1) Letter ET 08-0030, dated May 15, 2008, from T. J. Garrett, WCNO, to USNRC

Subject: Docket No. 50-482: Correction to Response to NRC Requests for Additional Information Related to Wolf Creek Generating Station License Renewal Application - Closure of the Metal Fatigue Analysis Open Items

Gentlemen:

Reference 1 provided Response to NRC Requests for Additional Information Related to Wolf Creek Generating Station License Renewal Application - Closure of the Metal Fatigue Analysis Open Items. A sentence at the top of Attachment II page 5 was incomplete. The sentence was truncated by the page break between pages 4 and 5. Attached is the corrected Attachment II of ET 08-0030 page 5 of 5. Please replace the page with the corrected copy.

This letter contains no new commitments. If you have any questions concerning this matter, please contact me at (620) 364-4084, or Mr. Richard D. Flannigan at (620) 364-4117.

Sincerely,



Terry J. Garrett

TJG/rlt

Enclosure: Corrected ET 08-0030 Attachment II page 5 of 5

cc: E. E. Collins (NRC), w/e
V. G. Gaddy (NRC), w/e
B. K. Singal (NRC), w/e
T. M. Tran (NRC), w/e
Senior Resident Inspector (NRC), w/e

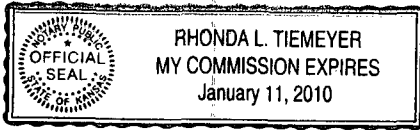
A121
NRR

STATE OF KANSAS)
) SS
COUNTY OF COFFEY)

Terry J. Garrett, of lawful age, being first duly sworn upon oath says that he is Vice President Engineering of Wolf Creek Nuclear Operating Corporation; that he has read the foregoing document and knows the contents thereof; that he has executed the same for and on behalf of said Corporation with full power and authority to do so; and that the facts therein stated are true and correct to the best of his knowledge, information and belief.

By *Terry J. Garrett*
Terry J. Garrett
Vice President Engineering

SUBSCRIBED and sworn to before me this 23rd day of May, 2008.



Rhonda L. Tiemeyer
Notary Public

Expiration Date January 11, 2010

Enclosure to ET 08-0033

Correction to Wolf Creek Nuclear Operation Corporation (WCNOC) Letter ET 08-0030
Attachment II page 5 of 5.

"Letdown shutoff w/ delayed return" is similar, but more severe because of an additional thermal shock due to the initial cooldown before the charging flow stops, and a steeper re-flood shock when it does stop. These three categories were combined together and analyzed using the bounding time-temperature profile for the group.

Looking at the results in the above table, combining the three categories together, the aggregate percentage during the period 1996 – 2005 is 54%. This is the same as the percentage for the same group in 1984-1992, because there were no "letdown shutoff w/delayed return" or "charging shutoff w/delayed return" transients in the pre 1992 cycle records. The "letdown shutoff w/prompt return" and "charging shutoff w/prompt return" events have similar percentages in the two time periods. The prompt return categories contribute only a small fraction of the total fatigue usage for loss of charging/loss of letdown events. The 1996-2005 period history includes more of the letdown shutoff w/ delayed return event (which is the most severe of the five transients), therefore this period history will contribute more fatigue usage per loss of charging/loss of letdown event than the 1984-1992 period. Therefore, using the fatigue usage calculated for the period monitored by the monitoring program times the ratio of the number of events in the baseline period to the number of monitored events to calculate the baseline fatigue usage gives a conservative upper bound for baseline fatigue usage.

Conclusion

The differential contribution of fatigue for each category of loss of charging/loss of letdown events has been evaluated to show that the use of the monitored period to estimate the baseline usage is conservative. While the conclusion is that current results are conservative, the baseline will be updated using the severity and number of cycles provided in Table 2.