

# WOLF CREEK

NUCLEAR OPERATING CORPORATION

Forest T. Rhodes  
Vice President  
Engineering & Technical Services

May 20, 1992

ET 92-0107

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-137  
Washington, D. C. 20555

Reference: 1) Letter ET 91-0073, dated June 11, 1991, from  
F. T. Rhodes, WCNOG to the NRC  
2) Letter ET 91-0148, dated August 30, 1991 from  
F. T. Rhodes, WCNOG, to NRC  
3) Amendment No. 50, dated November 4, 1991, from  
W. D. Reckley, NRC to B. D. Withers, WCNOG  
Subject: Docket No. 50-482: Additional Information Concerning  
the Resistance Temperature Detector Bypass System  
Removal

Gentlemen:

The purpose of this letter is to provide information for the Wolf Creek Generating Station (WCGS) concerning the replacement of the Resistance Temperature Detector (RTD) bypass system. Amendment No. 50 (Reference 3), to the WCGS Facility Operating License No. NPF-42 approved technical specification changes to allow the replacement of the existing RTD bypass system with an RTD thermowell system.

Reference 1 submitted the original amendment application. Reference 2 provided revised technical specification pages and committed to provide a comparison of post-modification data against the most recent pre-modification data to assess the effects on  $T_{Hot}$  at WCGS. The Attachment provides Reactor Coolant System temperature readings acquired at the beginning of Cycle 5 and Cycle 6.

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If you have any questions concerning this matter, please contact me or Mr. S. G. Wideman of my staff.

Very truly yours,



Forrest T. Rhodes  
Vice President  
Engineering & Technical Services

FTR/aem

Attachment

cc: A. T. Howell (NRC), w/a  
R. D. Martin (NRC), w/a  
G. A. Pick (NRC), w/a  
W. D. Reckley (NRC), w/a

COMPARISON OF RCS TEMPERATURE INDICATIONS  
BEFORE AND AFTER RTD BYPASS SYSTEM REMOVAL

Pre-Modification (Collected 5/24/90, 99.9% power, degrees F)

	Loop 1	Loop 2	Loop 3	Loop 4
T-Hot	615.4	616.1	616.7	615.5
T-Cold	559.7	559.4	559.9	558.9
Average T-Hot	615.9			
Average T-Cold	559.5			

Post-Modification (Collected 4/3/92, 99.9% power, degrees F)

	Loop 1	Loop 2	Loop 3	Loop 4
T-Hot	617.1	615.8	616.9	615.3
T-Cold	559.2	559.5	560.1	558.7
Average T-Hot	616.3			
Average T-Cold	559.4			