



Request] PIR 1999-3865 and in associated LER 1999-014-00, issued December 30, 1999, that also addresses the programmatic aspects of this event. This commitment was made in Reference 2 and is due December 15, 2000.

Completed actions pertaining to the subject LERs include the following:

- PIR 1999-3865 (associated with LER 1999-014-00) identified a problem with the Nuclear Plant Information System (NPIS) ability to determine a 1 gpm Reactor Coolant System (RCS) leak rate within one hour. Corrective actions completed are the modification of the software code to assure the required leakage detection, a review of computer software control procedures to assure adequate controls, and a review of NPIS code correctness for computer points determined by operations to be significant for safe operation of the plant. As discussed above, the only open corrective action for this PIR addresses the grading of software.
- PIR 2000-1570 (associated with LER 2000-002-01) identified that the containment sump total leak rate was not updating after a time change was made. Corrective actions completed included a review of the operator shift logs since 1992 to determine if, while leak rate calculations were suspended, any containment radiation monitoring or air cooler condensate monitoring equipment was removed from service. Additional corrective actions included modification of the NPIS software to eliminate the time change problem, and review of the previously identified points important to safety for correctness of coding involving time, time interval checks, and calculations. As discussed above, the only open corrective action for this PIR addresses the grading of software.
- A self assessment (SEL 99-031) on software quality assurance (SQA) was completed on December 17, 1999. Four of the five PIRs generated have been completed and closed. Again, the only open corrective action item is to address the grading of computer software.

WCNOC controls the SQA program by procedure AP 15D-007, "Computer Software Quality Program Requirements." This program has been in place for approximately five years. Significant improvements were made to this program approximately two years ago. This improved program has been used for most major software applications controlled by our Information Services organization. The focus of the two remaining commitments is software applications controlled by the line organizations.

The numerous actions taken to date, and those yet to be accomplished, as discussed above, ensure a thorough investigation will be performed. It is through these efforts that WCNOC will meet its two subject commitments. WCNOC will complete corrective actions to satisfy these commitments by July 2, 2001. Other committed corrective actions associated with the referenced LERs are complete.

No additional regulatory commitments are contained in this correspondence. The attachment to this letter annotates the revision to the completion dates for the two commitments noted above. If you have any questions regarding this correspondence, please contact me at (316) 364-4034, or Mr. Tony Harris, at (316) 364-4038.

Very truly yours,

A handwritten signature in black ink, appearing to read "R. Muench". The signature is fluid and cursive, with the first letter of the first name being a large, stylized capital 'R'.

Richard A. Muench

RAM/rlr

Attachment

cc: J. N. Donohew (NRC)  
W. D. Johnson (NRC)  
E. W. Merschoff (NRC)  
Senior Resident Inspector(NRC)

### LIST OF COMMITMENTS

The following table identifies those actions committed to by Wolf Creek Nuclear Operating Corporation (WCNOC) in this document. Any other statements in this submittal are provided for information purposes and are not considered to be commitments. Please direct questions regarding these commitments to Mr. Tony Harris, Manager Regulatory Affairs at Wolf Creek Generating Station, (316) 364-4038.

<b>COMMITMENT</b>	<b>Due Date/Event</b>
An investigation of the issue of classification and grading of software will take place to determine the scope and extent of the concern. Corrective actions generated during Self Assessment 99-031 will be included as part of this evaluation. Corrective actions associated to the programmatic issues will be evaluated.	July 2, 2001
WCGS Information Services is continuing to investigate the issue of not adequately classifying/grading software to determine the scope and extent of the problem. This is an on-going corrective action previously documented in WCGS PIR 1999-3865 and in associated LER 1999-014-00, issued December 30, 1999, that also addresses the programmatic aspects of this event.	July 2, 2001