

Indian Point 3  
Nuclear Power Plant  
P.O. Box 215  
Buchanan, New York 10511  
914 739.8200



William A. Josiger  
Resident Manager

June 29, 1987  
IP3-WAJ-042Z  
IP3-JAS-066B

Docket No. 50-286  
License No. DPR-64

Mr. Robert M. Gallo  
Projects Branch No. 2  
Division of Reactor Projects  
U.S. Nuclear Regulatory Commission  
Region I  
631 Park Ave.  
King of Prussia, PA 19406

SUBJECT: INSPECTION NO. 50-286/87-10  
AND NOTICE OF VIOLATION DATED May 29, 1987

Dear Mr. Gallo:

This letter and the attachment provide the Authority's response to NRC Inspection Report No. 50-286/87-10 and the associated Notice of Violation dated May 29, 1987.

Should you or your staff have any questions regarding this matter, please contact Mr. M. Cass of my staff.

Sincerely,

A handwritten signature in cursive script, appearing to read 'W. A. Josiger', written over the typed name.

William A. Josiger  
Resident Manager  
Indian Point Unit 3 Nuclear Power Plant

Attachments

WAJ:JAS:lg

cc: Document Control Desk (original)  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Resident Inspector's Office  
Indian Point 3  
U.S. Nuclear Regulatory Commission  
P.O. Box 337  
Buchanan, NY 10511

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## ATTACHMENT A

### Violation

Technical Specification 6.8.1 requires that written procedures be implemented as recommended in Appendix "A" of Regulatory Guide 1.33, November 1972. Appendix "A" of Regulatory Guide 1.33 lists procedures for the calibration of safety-related instrumentation.

Instrumentation and Control Administrative Directive IC-AD-3, Revision 1, Preventative Maintenance Program, requires a preventative maintenance program for certain instruments whose operability is required to satisfy requirements of the Technical Specifications. The procedure lists Temperature Indicating Controllers No. 103 & 107 on the Boric Acid Storage Tanks as applicable instruments and prescribes a calibration interval of two years.

Contrary to the above, as of May 11, 1987 the licensee had not calibrated Temperature Indicating Controllers (TIC) No. 103 & 107 within the last five years.

### Response

The Authority has reviewed the violation and the associated discussion provided in Inspection Report 87-10 and concurs with the conclusions of the violation.

The Boric Acid Storage Tank (BAST) temperature instruments, TIC-103 and TIC-107 were calibrated on June 20 and June 23, 1987 respectively. TIC-107 on 31 BAST was found within specification during calibration and required no adjustment. TIC-103 on 32 BAST was found out of tolerance low, which is in the conservative direction.

As indicated in Inspection Report 87-10, there were design difficulties associated with TIC-103 and 107. During the recent calibration, engineering personnel were able to further investigate the temperature device's installation. The purpose of this effort was to evaluate solutions for modifying the temperature controller system. During this review the necessary design information was obtained to proceed with preparing a modification that will adapt the BAST temperature devices for routine calibration. These modifications will be installed in the BASTs at the next calibration cycle during the cycle 6/7 outage.

In addition, testing practices of all Technical Specification instrumentation will be reviewed to verify that there are no other design deficiencies that would preclude testing at the required interval.