

**PP&L**

TWO NORTH NINTH STREET, ALLENTOWN, PA. 18101 PHONE: (215) 821-5151

December 31, 1979

Mr. Robert T. Carlson  
Chief RC & ES Branch  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

SUSQUEHANNA STEAM ELECTRIC STATION  
NRC INSPECTION OF OCTOBER 1-5, 1979  
REPORT NO. 50-387/79-32 and 50-388/79-17  
ER 100450 FILE 840-4  
PLA-436

Dear Mr. Carlson:

Reference is to your letter of November 26, 1979 which forwarded combined IE Inspection Reports 50-387/79-32 and 50-388/79-17 and Enclosure (1) thereto, "Appendix A, Notice of Violation".

Your letter advised that PP&L was to submit, within thirty (30) days of receipt, a written explanation addressing (1) corrective steps which have been taken and the results achieved, (2) corrective steps which have been taken to avoid further items of noncompliance, and (3) the date when full compliance will be achieved.

The Notice of Violation (Infraction) states as follows:

10 CFR 50, Appendix B, Criterion V, states in part, "Activities affecting quality shall be prescribed ... and shall be accomplished in accordance with these instructions, procedures ...."

PSAR, Section D.2.5, states in part, "Activities affecting quality will be prescribed by documented instructions, procedures ...."

PSAR, Section D.3.3.7, states in part, "...use of qualified procedures and application thereof as required by established standards will be rigidly enforced."

Specification C-72, Revision 4, Paragraph 4.1.6, states in part, "For concrete structures the minimum distance between expansion anchor centerlines shall be ten nominal diameters unless otherwise specified by the project engineer."

On 10-5-79, contrary to the above, flow transmitter FT-08612B, and level transmitter LT-15776B rigid seismic support brackets were installed with expansion anchor centerlines measuring 3-3/4" instead of the required five inches.

1. CORRECTIVE STEPS WHICH HAVE BEEN TAKEN AND RESULTS ACHIEVED:

- A. The two transmitter supports identified in the Infraction (FT-08612B and LT-15776B) had been mounted per Project Engineering-approved Drawing JG1014-9, Revision 3. Construction Quality Control had accepted both the transmitter supports based on project approved drawings; however, the cited design drawing did not properly indicate the location of bolt holes in accordance with the requirements of Spec C-72. Bechtel Quality Control initiated NCR 4670 for support LT-15776B and NCR 4771 for support FT-08612B.
- B. A complete review of instrumentation support ID Drawings and typical detail drawings for all other instrumentation supports was performed and no similar drawing omissions were found.
- C. An inspection of similar instrument installations to Design Drawing JG-1014-9, Revision 3 determined that seventeen instrument supports did not comply with the nominal bolt spacing criteria of Spec C-72. These deficiencies were documented on NCRs 4771 and 4980.

2. CORRECTIVE STEPS WHICH HAVE BEEN TAKEN TO AVOID FURTHER ITEMS OF NONCOMPLIANCE:

- A. Drawing JG-1014-9, Revision 3, was revised by Field Change Request J-101, dated 12-12-79. This change adds the ten nominal bolt diameter spacing required for installing expansion anchors per Spec C-72.
- B. Instrument engineers responsible for instrumentation installations have been instructed by training sessions on the requirements of Field Procedure J-2, Installation of Permanent Plant Instrumentation. This training session was held on 12-6-79.
- C. Quality Control personnel involved in inspection and acceptance of instrumentation and its supports were provided with a training session on 12-14-79. Special emphasis was given for the criteria specified in Spec C-72 relating to installation of expansion anchors.

3. DATE WHEN FULL COMPLIANCE WILL BE ACHIEVED:

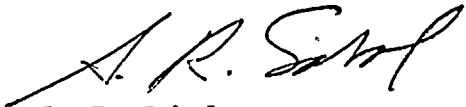
- A. The specific discrepancies noted on NCR 4670 were corrected by 11-19-79.
- B. The discrepancies noted on NCRs 4471 and 4980 should be corrected by 3-31-80.
- C. Field Change Request J-101 was approved on 12-14-79.

Bechtel Quality Assurance verified the disposition of NCR 4670 and the issuance of FCR-J-101 for project use.

December 31, 1979

We trust the Commission will find the actions taken to resolve this infraction are adequate.

Very truly yours,



A. R. Sabol,  
Manager-Nuclear Quality Assurance

ARS:jmi

cc: Mr. Robert M. Gallo  
U.S. Nuclear Regulatory Commission  
P.O. Box 52  
Shickshinny, Pennsylvania 18655

