

APPENDIX A

Consolidated Controls Corporation
A Subsidiary of Condec Corporation
Docket No. 99900221/82-01

NOTICE OF NONCONFORMANCE

Based on the results of an NRC inspection conducted on July 13-15, 1982, it appears that certain of your activities were not conducted in accordance with NRC requirements as indicated below:

Criterion V of Appendix B to 10 CFR Part 50 states: "Activities affecting quality shall be prescribed by documented instructions, procedures, or drawings, of a type appropriate to the circumstances and shall be accomplished in accordance with these instructions, procedures, or drawings. Instructions, procedures, or drawings shall include appropriate quantitative or qualitative acceptance criteria for determining that important activities have been satisfactorily accomplished."

Nonconformances with these requirements are as follows:

- A. Table No. 1, entitled "Post Module Repair Acceptance Testing - 6N191 and 6N193, of the Inspection Checklist," dated November 11, 1981, requires that all reworked modules be tested in accordance with procedures KBJ1315 and KBK1315 (applicable paragraphs), respectively. The table requires that all reworked modules be visually inspected which is a paragraph of both procedures, which in turn, requires completion of the appropriate designation in the Test Documentation Sheet (TDS).

Contrary to the above, visual inspection in accordance with the applicable procedure, had not been performed on the reworked Field Buffer Modules, Part No. 6N193, Serial Nos. 010-1439, as evidenced by the TDS's dated November 10, 1980 to June 28, 1982. The same is true of the reworked Control Buffer Modules, Part No. 6N191, Serial Nos. 010-1869, reflected on TDS's dated November 11, 1981 to July 12, 1982.

- B. Paragraph 6.3.1.2 of Quality Control Manual No. 2, Revision 6, dated August 1, 1981, states in part, "The rejected units are locked in a scrap barrel. All scrap material shall be prominently marked with red paint prior to actually scrapping."

Contrary to the above, Field Buffer Module, Part No. 6N193, Serial No. 033, had not been scrapped as dispositioned by Discrepancy Report No. 1-0962, dated November 13, 1981, as evidenced by the TDS which reflects an acceptable operating retest on June 11, 1982.

- C. Paragraph 18.0 of Appendix A to the Tennessee Valley Authority Specification No. 2200, states in part, "Inspection and test records shall, as a minimum, identify the date of inspection or test, the inspector or data recorder, the type of observation, the results, the acceptability, and the action taken in connection with any deficiencies noted."

Contrary to the above:

1. The date of test had not consistently been inserted in the TDS's for the Field Buffer Module, Part No. 6N193, and the Control Buffer Module, Part No. 6N191. A number of entries exhibited various days in November and December, but not the year.
 2. Actions taken in connection with noted deficiencies had not been entered in the TDS's for Part Nos. 6N191 and 6N193. For example, Discrepancy Report Nos. 2-0103, 2-0345, 2-0836, and 2-0410 had been initiated on various serial numbers of the noted part numbers; however, this information had not been entered in the TDS's for the affected part.
- D. Paragraph II of Quality Control Instruction No. 057, dated April 21, 1978, states in part, "All Quality Control Standards and Quality Control Instructions will show evidence of the Quality Control Manager's or the Assistant Quality Control Manager's review and approval."

Contrary to the above, revised quality control standards and quality control instructions had not been reviewed and approved by the Quality Control Manager or the Assistant Quality Control Manager.

- E. Paragraph 6.1 of Quality Control Manual No. 2, Revision 6, dated August 1, 1981, states, "The purpose of final inspection and test is to assure conformance of the end product with all contract or purchase order requirements. This inspection shall be completed prior to submission of any material to apply on a contract or purchase order to the customer's (sic) inspectors."

Contrary to the above, final test (operating retest) of the following reworked Field Buffer Modules, Part No. 6N193, had not been completed prior to submittal to the customer inspector: Serial Nos.: 062, 081, 139, 172, 223, 310, 317, 586, 625, and 661. This is evidenced by: (1) the lack of such indication (stamp, initials, etc.) at the appropriate location in the TDS's; (2) a completed TVA QC Checklist and Shipping Release No. 62, dated February 19, 1982; and (3) CCC's Invoice No. 2356, dated March 23, 1982, which indicated that the aforementioned hardware was shipped on March 22, 1982.

- F. Table No. 1, entitled "Post Module Repair Acceptance Testing 6N191 and 6N193, of the Inspection Checklist," dated November 11, 1981, requires a burn-in test of modules which had semiconductors replaced. Factory Routing Revision A, dated November 23, 1981, for Part No. 6N191, requires: (1) replacement of transistors; and (2) a burn-in for 24 hours.

Contrary to the above, a burn-in test had not been conducted on the Controller Buffers, Part No. 6N191, after the replacement of transistors.