

APPENDIX B

C&D Charter Power Systems
Incorporated
Plymouth Meeting, Pennsylvania

NOTICE OF NONCONFORMANCE

Based on the results of an NRC inspection conducted on May 8-11, 1989, it appears that certain of your activities were not conducted in accordance with NRC requirements.

Nonconformance

- B.1 Criterion III of Appendix B to 10 CFR Part 50 states in part: "Design changes...shall be subject to design control measures commensurate with those applied to the original design...."

Quality System Program Policy Manual, Revision K, dated December 7, 1987, Section 2.1.2.1 states, in part, "Engineering shall verify product design by similarity, empirical calculations and/or tests."

Contrary to the above, prior to being notified by Limerick Generating Station, Unit 1 C&D CPS did not test latest revision of replacement circuit boards at the battery charger final acceptance test to verify that the output of the battery charger would meet specification requirements. (89-01-02)

- B.2 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 circumstance and shall be accomplished in accordance with these instructions, procedures, and or drawings. Instructions, procedures, or drawings shall include appropriate quantitative or qualitative acceptance criteria for determining that important activities have been satisfactorily accomplished."

1. Quality System Program Policy Manual, Revision K, dated December 7, 1987, Section 4.2 states in part: "Engineering and/or Quality Assurance shall prepare detailed...test procedures which include the characteristics/criteria necessary to produce the product to the required standards...."

Contrary to the above, final acceptance test procedure TP-9503, paragraph 4.6, dated January 13, 1984 states: "Set the current limit at 115 percent of rated output unless otherwise specified on release," but does not specify how this is accomplished. (89-01-03)

2. Quality System Program Policy Manual, Revision K, dated December 7, 1987, Section 4.8.2 states: "Quality Assurance shall maintain records of inspections and tests performed to assure compliance to the applicable quality requirements in accordance with respective procedures. Such records include as minimum; date, personnel performing the inspection or tests; material, part or product identity, quantities inspected, accepted/rejected; test results; disposition."

Contrary to the above, C&D CPS QA records or Bill of Materials did not identify the value of the pre-load resistors used in the final acceptance test for battery chargers shipped to Limerick Generating Station, Unit 1. (89-01-04)