

APPENDIX B

NOTICE OF NONCONFORMANCE

AKO, Incorporated
Enfield, Connecticut

Docket No. 99901172

Based on the results of an NRC inspection conducted on November 27-29, 1989 at AKO, Incorporated (AKO), Enfield, Connecticut, it appears that certain activities were not conducted by you in accordance with NRC requirements which were imposed on you through purchase order contracts with NRC licensees.

Criterion XII, "Control of Measuring and Test Equipment," of 10 CFR 50, Appendix B, states that "Measures shall be established to assure that tools, gages, instruments, and other measuring and testing devices used in activities affecting quality are properly controlled, calibrated, and adjusted at specified periods to maintain accuracy within necessary limits."

Criterion XVII, "Quality Assurance Records," of 10 CFR 50, Appendix B, states that "Sufficient records shall be maintained to furnish evidence of activities affecting quality."

The State of Connecticut, Department of Consumer Protection, Division of Weights and Measures, Connecticut General Statutes, Chapter 753, Section 43-50 states in part that "A dealer or repairman shall submit his testing equipment at least once in two years to the Department of Consumer Protection for comparison and calibration with the standards maintained by the state."

The AKO quality control manual, dated September 11, 1979, and Revision 5, dated July 19, 1989, also state in paragraph 5.2 that "Calibration systems used by AKO that are based on mass, force, torque, pressure, vacuum and temperature shall be traceable to the National Institute of Standards and Technology... or comply with industry standard practices where applicable." Paragraph 12.1 further states "All standards are to be checked and recertified at intervals not to exceed 52 weeks (1 year) except standard weights, (standards 2 years)."

Contrary to the above, AKO failed to meet these requirements in that their master weights were not submitted to the State of Connecticut from March 14, 1984 through July 25, 1989 with exception of chrome plated weights which were submitted on January 20, 1988 and were condemned. In addition, valid records attesting to the certification of the master weights used for calibration of the torque-measuring devices for safety-related applications were not maintained. The available records were apparently falsified. (89-01-01)

Dated at Rockville, Maryland

this 10th day of December 1990

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