

Advanced Radiation Service

271 PLAINFIELD ROAD

EDISON, NEW JERSEY 08820

July 26, 1982

License No. 29-14171-01

United States
Nuclear Regulatory Commission
Region I
631 Park Ave.
King of Prussia, PA 19406

Attn: Mr. John D. Kinneman;
Radiological Protection
Section.

Gentlemen:

In response to your letter dated October 15, 1981. This refers to a routine safety inspection conducted by your representative Mr. C. Rowe, on June 16-17, 1981.

We have reviewed the violation, their seriousness, the cause and how best to correct them and prevent their re-occurrence. Listed following are the violations and our corrective action by item.

APPENDIX A ITEM B.

10 CFR 34; LICENSE FOR RADIOGRAPHY AND RADIATION SAFETY
 REQUIREMENTS FOR RADIOGRAPHIC OPERATIONS.

10 CFR 34 requires that radiation exposure devices measuring a minimum of four inches from the sealed source storage position to any exterior surface of the device have no radiation level in excess of 200 milliroentgens per hour at any exterior surface with the sealed source in the shielded position.

Reply: Mr. Gerald Muchanic whose Utilization log indicated surveys in excess of 200 milliroentgens per hour, on numerous occasions Mr. Muchanic and Assistant radiographers had been taken surveys contact with the source projector, and not at the four inch distance as required, thus giving a higher reading on the survey instrument. Mr. Muchanic thinking this to be the correct response and reading did log it in his Utilization log.

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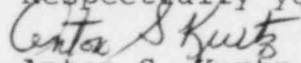
APPENDIX A ITEM B, con't.

On July 24, 1981, Mr. Anton Kurtz did conduct a 2 Hour class in review of 10 CFR 34, refering to 10 CFR 34.21. Having understood this paragraph and its meaning, all Radiographers and Radiographers assistants will comply. EFFECTIVE IMMEDIATELY.

Confermation of paragraph five (5) page one of your letter dated Oct. 15, 1981. Pocket dosimeter calibration to be performed at least once per year, using a "DOSIMETER CALIBRATOR" Model 3060. Radioisotope Cesium 137, less than 10 microcuries. EFFECTIVE: November 28, 1981.

We are truly sorry that the above rendered violations have occured and the lateness in our response to your letter. We will do our utmost to prevent their re-occurance.

Respectfully yours,



Anton S. Kurtz, Radiation Protection
Officer

ADVANCED RADIATION SERVICE, INC.