



Westinghouse Electric Corporation

Lamp Division

Bloomfield, N. J.

Telephone: 621-9000

Area Code 201

July 12, 1966

Mr. Robert W. Kirkman, Director
Region I, Division of Compliance
U. S. Atomic Energy Commission
376 Hudson Street
New York, New York

Dear Mr. Kirkman:

The following action has been taken on the items noted in Mr. Coner's report of his inspection of our thorium handling operations on May 5, 6, and 18, 1966:

LICENSE NO. STB-467

Item 5 a - Surveys are now being made so that an accurate determination of the exposure to airborne radioactive materials can be obtained. On June 21, 1966, we ordered two battery-powered continuous lapel air samplers that will be used to provide an 8-hour air sample at the breathing zone of employees working with thorium. A log is being kept on a daily basis that will indicate the number of minutes per day each employee works with the radioactive material. Thus, we will be able to relate the exposure to the limits specified in Appendix B, Table I, of 10 CFR 20.

Item 5 b - To determine that the average annual concentration of radioactive materials released in unrestricted areas is within the limits specified in 10 CFR 20, Appendix B, Table II, we are now taking 24-hour air samples as recommended by Mr. Coner.

Item 5 c - A portable alpha counter, manufactured by Eberline Instrument Company, Santa Fe, New Mexico, has been purchased. This instrument will be used to survey, prior to disposal, waste materials such as bench-covering paper and wiping cloths for possible contamination.

Item 5 d and e - Periodic inspections by the Radiation Safety Officer, the Safety Engineer, and manufacturing supervision are now being made to insure compliance with the sign and labeling requirements.

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Mr. Robert W. Kirkman

July 12, 1966

LICENSE NO. SMB-353

Item 5 a - The same instrument and methods described under Item 5 a, License STB-467, will be used to collect breathing zone air samples and to determine the average 40-hour exposure.

Item 5 b - Twenty-four air samples are being taken to determine the average annual concentration released to an unrestricted area.

Item 5 c - The Eberline alpha counter will be used to survey waste paper and empty containers for possible contamination prior to disposal.

Item 5 d - Periodic inspections by the Radiation Safety Officer, the Safety Engineer, and manufacturing supervision are now being made to insure compliance with the requirements for signs, labels, and signals.

We appreciate the advice and counsel received from your office on the development of procedures which will enable us to more fully safeguard our employees working with radioactive materials. Some of our personnel will attend the radiological health courses presented by the U. S. Department of Health and Welfare so that they may become more knowledgeable in this field.

Very truly yours,

WESTINGHOUSE ELECTRIC CORPORATION



E. M. Bellott
Works Manager

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