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LR:WFF
34-653-2

OCT 2 1963

Clevite Corporation
540 East 105th Street
Cleveland, Ohio

Attention: Mr. E. J. Gilmore, Manager
Central Service Division

Gentlemen:

This refers to the inspection conducted on June 19, 1963, of your activities authorized under AEC Byproduct Material License No. 34-653-2.

It appears that certain of your activities were not conducted in full compliance with the requirements of the AEC's "Radiation Safety Requirements for Radiographic Operations," Part 31, Title 10, Code of Federal Regulations, in that:

1. The radiation levels from your radiographic exposure device and storage containers exceeded the limits specified in 10 CFR 31.101, "Limits on levels of radiation for radiographic exposure devices and storage containers."
2. Survey instrumentation having a range such that two milliroentgens per hour through one roentgen per hour, as described in 10 CFR 31.104, was not available at each site where radiographic exposures were made, contrary to 10 CFR 31.303, "Radiation surveys and survey records." The instrument which was used in your radiographic operations had a maximum range of 25 milliroentgens per hour.
3. Sealed sources were not leak tested at intervals of six months or less as required by 10 CFR 31.105(b), "Leak testing, repair, tagging, opening, modification and replacement of sealed sources."

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4. A quarterly physical inventory of sealed sources had not been conducted as required by 10 CFR 31.106, "Quarterly inventory."
5. An employee, Mr. W. A. Gilroy, was permitted to act as a radiographer without being furnished a copy of the AEC license or being required to demonstrate an understanding of the license, applicable sections of 10 CFR 20, and the licensee's operating procedures, contrary to 10 CFR 31.201(a)(2), "Limitations."
6. Mr. W. A. Gilroy was permitted to perform radiography when he was not wearing a pocket dosimeter or pocket chamber, contrary to 10 CFR 31.203(a), "Personnel monitoring control."
7. Physical radiation surveys had not been made after each radiographic exposure to determine that the source was returned to its shielded condition, contrary to 10 CFR 31.303(b), "Radiation surveys and survey records."
8. Physical radiation surveys had not been made to determine that each sealed source was in its shielded condition prior to securing the source container, contrary to 10 CFR 31.303(c), "Radiation surveys and survey records."

This notice is sent to you pursuant to the provisions of Section 2.201 of the AEC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of which is enclosed. Section 2.201 requires you to submit to this office, within twenty (20) days of your receipt of this notice, a written statement or explanation in reply including (1) corrective steps which have been taken by you, and the results achieved; (2) corrective steps which will be taken; and (3) the date when full compliance will be achieved.

Regarding the alleged deficiency described in Item 2 above, we note that the employed radiation instrument had not been calibrated at intervals of three months or less as required by 10 CFR

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31.104. In your reply to this notice, you are requested to inform us of the corrective steps taken to assure that survey instrumentation will be calibrated within the prescribed interval.

Very truly yours,

Eber R. Price
Assistant Director
Division of Licensing
and Regulation

Enclosures:

10 CFR 31
10 CFR 2

bcc: Compliance Div., HQ
Compliance Div., III
Public Document Room

cc: Mr. J. E. Dawson
Safety Officer

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