

# NATIONAL LEAD COMPANY

Atlantic Branch



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Manufacturers of "DUTCH BOY" PRODUCTS

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Code 201

PERTH AMBOY, N. J.

January 12, 1965

Isotopes Branch  
Division of Licensing and Regulations  
U.S. Atomic Energy Commission  
1717 H Street, N.W.  
Washington 25, D. C.

Gentlemen:

Regarding our byproduct material License #29-6033-1 (L66), amendments #6, item #16, an amendment is requested that will allow us to send our sealed source leak test smears to any Atomic Energy Commission authorized testing laboratories.

The new amendment should read; Sealed sources will be smeared by the following procedure

1. Depending on the type of source housing, the source will either be fully withdrawn into the source housing or the source shutter will be moved to the closed position. The radiation level will be checked with a survey meter to insure that the retracting mechanism or shutter are functioning properly.
2. A suitable swab, eg. cotton or cloth tipped, will be moistened with a wetting agent and the smear will be taken at the nearest accessible point to the sealed source storage position.
3. The swab will be surveyed and if the reading is less than 0.3 mr/hr. it will be packaged in accord with Interstate Commerce Commission Regulation 73.392 and sent by mail to the testing laboratory.
4. If the smear should read more than 0.3 mr/hr. the source will immediately be removed from service and the testing laboratory will be called for specific instructions.

We will gladly furnish any other information required.

Very truly yours,

*James J. Miller*  
Health Physics Officer

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