

April 1, 1960

Mr. G. L. Stukenbroeker
National Lead Company
1050 State Street
Perth Amboy, New Jersey

Dear Mr. Stukenbroeker:

Enclosed is Amendment No. 2 to License No. 29-6033-1 by means of which we have amended the license to include Mr. Julian Koerner and Mr. James J. Cullen as individual users as requested in your letter dated March 21, 1960.

Please note Condition 20 requires that the Cobalt 60 sealed source be leak tested by persons licensed by the Commission to perform such a test. If you desire to do your own testing of the sealed source, then please submit the following information: (a) the name of the person in your organization who will perform the test, (b) his training and experience in leak testing techniques, (c) the leak testing procedure which will be followed, and (d) the make and model number of the instrumentation that is available.

Upon your request and receipt of the above information, we will consider amending License No. 29-6033-1. As you probably are aware, records of leak test results shall be maintained.

Very truly yours,

Nathan Bassin
Isotopes Branch
Division of Licensing and
Regulation

Enclosures:

- 1. Amend. No. 1 to Lic. No. 29-6033-1
- 2. Parts 20 & 30
- 3. AEC-313 w/instr

OFFICE ▶	Isotopes				
SURNAME ▶	Bassin: jkh				
DATE ▶	4/1/60				

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U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICEN

Supplementary Sheet

License Number 29-6033-1
(161)

AMENDMENT NO. 2

National Lead Company
1050 State Street
Perth Amboy, New Jersey

In accordance with letter dated March 21, 1960, License No. 29-6033-1 is amended as follows:

Condition 12 is amended to read:

12. Byproduct material shall be used by, or under the direct personal supervision of, G. L. Stukenbroeker, J. M. Nees, Julian Koerner or James J. Cullen.

Add the following condition:

20. Sealed sources containing Cobalt 60 shall be tested for external contamination and/or leakage upon receipt from another person, except when the licensee receives certification from the person that the sources had been tested within thirty (30) days prior to transfer and found free of surface contamination. Sources shall be tested for contamination and/or leakage at intervals of not more than six (6) months thereafter. (Sources semipermanently or permanently mounted in devices may be tested by checking accessible surfaces of the devices for removable radioactive material.) The test shall be sufficiently sensitive to detect 0.05 microcuries of radioactive material on the surfaces of sources or devices.

If the test reveals removable radioactive material, the licensee shall take immediate action to prevent spread of contamination, initiate corrective action and shall notify the Manager of the nearest Atomic Energy Commission Operations Office listed in Appendix D of Title 10, Code of Federal Regulations, Part 20, within 10 days. The report shall include a statement of corrective action taken.

Leak tests and/or repairs shall be performed by persons specifically licensed by the Commission to perform such tests. Records of leak test results shall be maintained by the licensee.

DUPLICATED
FOR DIV. OF INSP.

For the U. S. Atomic Energy Commission

Original Signed By

James R. Mason

by *JRM* Chief, Isotopes Branch

Division of Licensing and Regulation

Washington 25, D. C.

Date April 1, 1960

4-1-60

JRM