

LAL:LB:WBC (24-3090-1)

April 7, 1960

National Lead Company  
Refinery Department  
Fredericktown, Missouri

Attention: Mr. Allen E. King

Gentlemen:

Enclosed is Amendment No. 3 to License No. 24-3090-1 issued pursuant to your application dated March 18, 1960.

Please note that the enclosed license contains a condition which requires periodic testing of the Cobalt 60 sources for contamination and/or leakage. Recent experience with sealed sources has dictated a change in radiological safety practices concerning the testing of sealed sources containing Cobalt 60. Should the National Lead Company desire to test the Cobalt 60 sources, it will be necessary that we be informed of:

1. The name and training and experience with radiation of the individual who is to perform the tests.
2. A description of the instruments to be used.
3. A description of the procedures he will follow in performing the test.
4. An estimate of the overall sensitivity of the test method. Tests must be sufficiently sensitive to detect 0.05 microcuries of radioactive material on the surface of the source or device in which it is mounted.

Very truly yours,

Robert E. Brinkman  
Nuclear Licensing Engineer  
Isotopes Branch  
Division of Licensing and Regulation

A/220

| OFFICE  | Isotopes       | Isotopes |
|---------|----------------|----------|
| SURNAME | 60C<br>Cool:dg | Brinkman |
| DATE    | 4/7/60         | 4/ /60   |