

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 30, Licensing of Byproduct Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

| | | | |
|---|---|---|------------------|
| Licensee | | | |
| 1. Name | National Lead Company Instrumentation Department | 3. License number | 24-3090-1 |
| 2. Address | St. Louis Smelting & Refining Div. Fredericktown, Missouri | 4. Expiration date | October 31, 1959 |
| | | 5. Reference No. | |
| 6. Byproduct material (element and mass number) | 7. Chemical and/or physical form | 8. Maximum amount of radioactivity which licensee may possess at any one time | |
| A. Cobalt 60 (See page 2) | A. Instruments, Inc. Model B-20-14 Sealed Sources (See page 2) | A. 75 millicuries. 3 sources of 25 mc. each. (See page 2) | |
| 9. Authorized use | | | |
| A. For use in three Instruments, Inc. Source Holders Model B-20-06 to determine level of liquids in autoclaves. | | | |
| B. For use in four Instruments, Inc. Source Holders Model A-03-13 to determine level of liquids in autoclaves. | | | |

CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
11. Byproduct material to be used by, or under the supervision of, S. E. McDowell.
12. Byproduct material licensed as sealed sources shall not be opened or combined.

amended 11/11/58/wom

A/213

For the U. S. Atomic Energy Commission

Date October 1, 1957by 10-1-57

PCA/g

Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee9702240473 970106
PDR FOIA
NEITZEL 96-314 PDR

U. S. ATOMIC ENERGY COMMISSION
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Page 2 of 2 Pages

Supplementary Sheet

License Number 24-3090-1

6. (continued)

B. Cobalt 60

7. (continued)

B. Instruments, Inc.
Model B-20-14
Sealed Sources

8. (continued)

B. 200 millicuries.
4 sources of 50 mc. each

For the U. S. Atomic Energy Commission

Date October 1, 1957

by

Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee

| | | | |
|----------------|------------------|----------------|------------------|
| Date Rec | Exp. Date | 10-31-59 | Tech. Rev. |
| Control Number | Reference Number | License Number | Amendment Number |
| | | PL-3090-1 | |

| Isotope | Form | Poss. Ltd. | Use |
|---------|---|---|--|
| A. C-60 | A. Instruments, Inc. Model B-20-14 Sealed Sources | A. 75 mc- 3 sources of 25 mc each | A. For use in ³ Instruments, Inc. Source Holder Model B-20-06 to determine level of liquids in autoclaves. |
| B. C-60 | B. Instruments, Inc. Model B-20-14 Sealed Sources | B. 200 mc- 4 sources of 50 mc. each | B. For use in 4 Instruments, Inc. Source Holder Model A-03-13 to determine level of liquids in autoclaves |

374 to Slavens

| Instrumentation | SCHA Review | Yes | No | Conditions |
|-------------------|-------------|-----|----|--------------------|
| Inspection Report | Quimby | | | 1. A B C 9. A B |
| Users' Experience | Brown | | | 2. A B C 10. A B |
| 313a | Childs | | | 3. 11. |
| S. S. Catalogue | Cooper | | | 4. A B 12. |
| | | | | 5. A B C 13. A B |
| | | | | 6. 14. |
| | | | | 7. A B C 15. A B C |
| | | | | 8. A B 16. A B |

Comments, letters, phone calls, visits, exempt. to Reg.
(Rationale), (For additional space use reverse side)

9/11/57

Make and Model No. of sources & devices.
Type of train. How handled.

MS

Approve ☐ Cancel ☐

Tech. Reviewer Date

Chief Date

PCA/87 10-1-59