

NDA_

NUCLEAR DEVELOPMENT CORPORATION OF AMERICA

5 NEW STREET, WHITE PLAINS, N. Y. • TEL. WH 8-5800

CABLE ADDRESS "NDA WHITE PLAINS"

October 15, 1957

Mr. Nathan Bassin
Byproduct Licensing
Isotopes Extension
Division of Civilian Application
U. S. Atomic Energy Commission
Oak Ridge, Tennessee

Dear Mr. Bassin:

This is to acknowledge your communication of October 8, 1957 in which copies of License 31-350-4 were enclosed.

In accordance with your request, we are returning our copies of License 31-350-3.

Very truly yours,

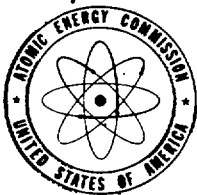
Roger H. Miles

Roger H. Miles
Safety Officer

RM:KM
Enclosures

15 11 9

A/51



UNITED STATES
ATOMIC ENERGY COMMISSION

IN REPLY REFER TO:

IEB:JGD(LIC:31-350-4)

Oak Ridge, Tennessee
October 8, 1957

*RETAINED BY NDA
WITH LICENSE 31-350-3
10/28/57 JGA*

Mr. Roger H. Miles
Safety Officer
Nuclear Development Corporation
of America
5 New Street
White Plains, New York

Subject: LICENSE NO. 31-350-4

Dear Mr. Miles:

In response to your application and to your letter of September 11, 1957, we are issuing License No. 31-350-4.

Please note that License No. 31-350-4 supersedes License No. 31-350-3. Since License No. 31-350-3 no longer is valid, your copies of this license should be returned to us at your earliest convenience.

Thank you for your cooperation.

Very truly yours,

Nathan Bassin

for: James W. Hitch, Assistant Chief
Byproduct Licensing
Isotopes Extension
Division of Civilian Application

Enclosures:

1. License No. 31-350-4
2. Forms AEC-313 w/instructions
3. Part 20, Code of Federal Regulations

**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 Nuclear Development Corporation of America 2. Address Health and Safety Department 5 New Street White Plains, New York		3. License number 31-350-3 4. Expiration date August 31, 1959 5. Reference No.
6. Byproduct material (element and mass number) Cobalt 60	7. Chemical and/or physical form ORNL sealed source	8. Maximum amount of radioactivity which licensee may possess at any one time 460 millicuries

9. Authorized use

Co-60 (ORNL sealed source); For instrumentation calibration and shielding tests.

SUPERSEDED
By License Number
31-350-4 JLR

CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
11. The Oak Ridge National Laboratory Cobalt 60 sealed source licensed as 460 millicuries activity may be used also at Nuclear Development Corporation of America facilities located at:
- a. 90 Grove Street, White Plains, New York
 - b. Route 55, Pawling, New York.
12. Byproduct material must be encapsulated prior to possession by licensee.
13. Sealed source licensed above shall not be opened.
14. Written administrative instructions covering appropriate radiological protection phases of operational procedures and establishing responsibility for radiological protection, control, and security of the byproduct material shall be supplied individuals using or having responsibility for use of such material.

(Continued page 2)

Date August 22, 1957

For the U. S. Atomic Energy Commission



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

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE

Supplementary Sheet

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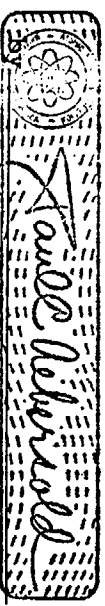
License Number 31-3703

Each sealed source container (capsule) of licensed material to be used outside of a shielded device shall have permanently attached to it a durable, legible and visible tag. The tag shall be attached directly to the container (capsule), or by the use of a durable chain or leader. The tag shall be at least one inch square and shall bear a radiation caution symbol in conventional colors, legends or purple on a yellow background, and a mixture of the following instructions: "Caution - Radioactive Material - Do Not Handle - Notify Civilian Authorities if Lost."

15. Leak testing of the Oak Ridge National Laboratory cobalt 60 sealed source licensed as byproduct material activity shall be carried out at intervals of not more than six months and records of leak test results shall be furnished the Atomic Energy Commission upon request.

SUPERSEDED
By License Number
31-352-4 *John*

Date August 22, 1957



For the U. S. Atomic Energy Commission

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

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE
Supplementary Sheet

Page 3 of 3 Pages

License Number 31-350-3
AMENDMENT NO. 1

Nuclear Development Corporation of America
Health and Safety Department
5 New Street
White Plains, New York

Attn: Roger H. Miles

License No. 31-350-3 is amended to add the following:

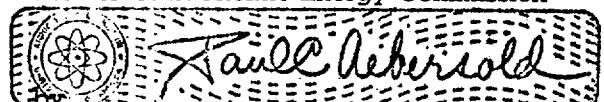
CONDITIONS

16. Byproduct material to be used by, or under the supervision of, Roger H. Miles.

SUPERSEDED
By License Number
31-350-4 *red*

Date August 28, 1957

For the U. S. Atomic Energy Commission


Paul C. Heberfeld

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

U. S. ATOMIC ENERGY COMMISSION
PRODUCT MATERIAL LICENSE

THIS COPY IS FOR YOUR FILES

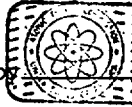
Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 30, Licensing of Byproduct Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, 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	Nuclear Development Corporation of America	3. License number 31-350-3
2. Address	Health and Safety Department 5 New Street White Plains, New York	4. Expiration date August 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
Cobalt 60	ORNL sealed source	460 millicuries
9. Authorized use Co-60 (ORNL sealed source); For instrumentation calibration and shielding tests.		
10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.		
11. The Oak Ridge National Laboratory Cobalt 60 sealed source licensed as 460 millicuries activity may be used also at Nuclear Development Corporation of America facilities located at: a. 90 Grove Street, White Plains, New York b. Route 55, Pawling, New York.		
12. Byproduct material must be encapsulated prior to possession by licensee.		
13. Sealed source licensed above shall not be opened.		
14. Written administrative instructions covering appropriate radiological protection phases of operational procedures and establishing responsibility for radiological protection, control, and security of the byproduct material shall be supplied individuals using or having responsibility for use of such material.		

(Continued page 2)

For the U. S. Atomic Energy Commission

Date August 22, 1957

by  **Paul C. Heberald**
Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSEPage 2 of 2 Pages

Supplementary Sheet

License Number 31-350-3

Each sealed source container (capsule) of licensed material to be used outside of a shielded device shall have permanently attached to it a durable, legible and visible tag. The tag shall be attached directly to the container (capsule), or by the use of a durable chain or leader. The tag shall be at least one inch square and shall bear a radiation caution symbol in conventional colors, magenta or purple on a yellow background, and a minimum of the following instructions: "Danger - Radioactive Material - Do Not Handle - Notify Civil Authorities if Found."

15. Leak testing of the Oak Ridge National Laboratory Cobalt 60 sealed source licensed as 460 millicuries activity shall be carried out at intervals of not more than six months and records of leak test results shall be furnished the Atomic Energy Commission upon request.

SUPERSEDED
By License Number
31-350-4

For the U. S. Atomic Energy Commission

Date August 22, 1957


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

PRODUCT MATERIAL LICENSE

Supplementary Sheet

This copy is for your files

License Number 31-350-3

AMENDMENT NO. 1

Nuclear Development Corporation of America
Health and Safety Department
5 New Street
White Plains, New York

Attn: Roger H. Miles

License No. 31-350-3 is amended to add the following:

CONDITIONS

16. Byproduct material to be used by, or under the supervision of, Roger H. Miles.

SUPERSEDED
By License Number
31-350-4 *per*

Date August 28, 1957

For the U. S. Atomic Energy Commission

 *Paul C. Heberhold*

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