

U. S. ATOMIC ENERGY COMMISSION  
BYPRODUCT MATERIAL LICENSE

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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.

DUPLICATED

Licensee		FOR DIV. OF INSP.	
1. Name	Nuclear Development Corporation of America	3. License number	31-350-5 (260)
2. Address	Chemistry and/or Materials Dept. 5 New Street White Plains, New York	4. Expiration date	May 31, 1960
		5. Reference No.	31-350-1
6. Byproduct material (element and mass number) Byproduct material resulting from the service irradiation of metal alloys, soils, minerals and components thereof.	7. Chemical and/or physical form  A N Y	8. Maximum amount of radioactivity which licensee may possess at any one time 50 millicuries	

## 9. Authorized use

Corrosion and materials tests, including mass transfer tests and activation analyses.

## CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
11. Byproduct material may also be used at 90 Grove Street, White Plains, New York, and Route 55, Pawling, New York.
12. The licensee shall comply with the provisions of Title 10, Part 20, Code of Federal Regulations, Chapter 1, "Standards for Protection Against Radiation".
13. Byproduct materials shall be used by, or under the supervision of, Dr. Lionel B. Goldring.
14. This license supersedes License No. 31-350-1 issued April 25, 1956.
15. Total amount of Hydrogen 3 (tritium) acquired under this license shall not exceed 50 millicuries.
16. Byproduct material shall not be used in field applications where activity is released.

For the U. S. Atomic Energy Commission  
Original Signed By  
James R. Mason

Date May 16, 1958

by Chief, Isotopes Branch

Division of Licensing and Regulation  
Washington 25, D. C.