

HYPRODUCT AND SOURCE MATERIAL LICENSE

ISOTOPES SPECIALTIES COMPANY

DOCKET NO. 27-7

License No. 4-580-6  
(H60)

Pursuant to the Atomic Energy Act of 1954, as amended, and Title 10, Code of Federal Regulations, Chapter 1, Part 30, "Licensing of Hyproduct Material" and Title 10, Code of Federal Regulations, Chapter 1, Part 40, "Control of Source Material," and in reliance on statements and representations heretofore made by the applicant, a license is hereby issued to Isotopes Specialties Company, Inc., 170 West Providencia, Burbank, California, to receive, possess, package, and dispose of waste hyproduct and source material in the Pacific Ocean.

This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to the provisions of 10 CFR Part 20, "Standards for Protection Against Radiation," and all other applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to the following conditions:

BYPRODUCT AND SOURCE MATERIAL LICENSE

License No. 4-580-6  
(R60)

1. The licensee shall not possess more than 100 curies of byproduct material at any one time.
2. The licensee shall not possess during the term of this license a total quantity of more than 2,000 pounds of uranium or thorium or any combination thereof contained in source material.
3. The byproduct and source material shall be received, possessed, packaged and disposed of, by, or under the supervision of Allen M. Goldstein.
4. The licensee shall receive, possess, package, and dispose of the byproduct and source material in accordance with procedures described in his application dated December 2, 1957, and attachments thereto, except as provided otherwise in this license.
5. A copy of the administrative procedures, attached to the application dated December 2, 1957, shall be supplied to each of the licensee's employees who are involved in the receipt, possession, packaging and disposal of the byproduct and source materials.
6. The licensee shall notify the Chief, Isotopes Branch, Division of Licensing and Regulation, Atomic Energy Commission, by letter deposited in the United States mail properly stamped

BYPRODUCT AND SOURCE MATERIAL LICENSE

License No. 4-580-6  
(H50)

and addressed, at least 20 days prior to each disposal, of the proposed date for disposal, the proposed disposal location in latitude and longitude, the total number of containers, the total activity of the byproduct material in millicuries, and/or total weight of source material, and the most hazardous radionuclide in each container.

7. Byproduct Material License Number 4-580-3 issued on September 27, 1957 is hereby terminated.
8. A curie of Iridium 192 is defined as that quantity of activity which emits a radiation intensity of 0.55 roentgen per hour at a distance of one meter.

This license shall be effective on the date issued and shall expire on August 31, 1960.

FOR THE ATOMIC ENERGY COMMISSION

H. L. Price  
Director  
Division of Licensing and Regulation

Date of Issuance: AUG 21 1958

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- 3 -

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ADDENDUM TO ANNEX B

NOTICE OF PROPOSED ISSUANCE OF A BYPRODUCT  
AND SOURCE MATERIAL LICENSE TO ISOTOPE SPECIALTIES COMPANY, INCORPORATED

DOCKET 27-7

On March 8, 1958, a notice of proposed issuance of a Byproduct and Source Material License to Isotopes Specialties Company, Incorporated, 170 West Providencia, Burbank, California, was published in the Federal Register. The notice included a memorandum from the Division of Licensing and Regulation, which summarized the principal factors considered in evaluating the application for a license.

No formal petitions to intervene were filed in this matter. However, the State of California passed a resolution "relative to memorializing the Federal Government of the United States to undertake and enforce special safety precautions in the disposal of radioactive waste", a copy of which is attached.

The Commission has considered the California resolution in connection with reissuance of a Source and Byproduct Material License to Isotopes Specialties Company, Incorporated authorizing the disposal of radioactive waste in the Pacific Ocean. The Commission is currently unaware of scientific data which would indicate that its present criteria for disposal of radioactive waste in the ocean should be changed. The present criteria incorporates the recommendations of the National Committee on Radiation Protection as contained in NBS Handbook 58 "Disposal of Radioactive Waste in the Ocean". Studies and evaluations have been and are being conducted on the Atlantic and Pacific Oceans in connection with the safe disposal of radioactive waste by such groups as the Committee on Oceanography of

the National Academy of Sciences, Scripps Institute of Oceanography, Coast Geodetic Survey and the Chesapeake Bay Institute of John Hopkins University. Should further data from such studies indicate that revisions of present criteria are necessary or desirable, appropriate modifications to existing waste disposal licenses can be made under our regulations. '

FOR THE ATOMIC ENERGY COMMISSION

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Eber R. Price, Acting Director  
Division of Licensing and Regulation



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