

Office Memorandum • UNITED STATES GOVERNMENT

TO : Dixon Hoyle, Division of International Affairs
 Robert Lowenstein, Office of the General Counsel
 Langdon Cook, Division of Military Application
 DATE: SEP 4 1959

FROM : E. R. Price, Assistant Director
 Division of Licensing and Regulation

SUBJECT: EXPORT OF HYDROGEN 3 IN UNITED STATES RADIUM PRODUCTS

SYMBOL: L&R:IB:CRB (20738)

Attached is a letter from Mr. C. C. Carroll, United States Radium Corporation, requesting an amendment to License No. 37-30-3 to cover the export of 200 curies of tritium to any one foreign customer.

The afore-mentioned license approved the export of tritium limited to 100 curies total to any country except Subgroup A (Soviet Bloc) countries. The products approved for export are:

- (a) tritiated titanium and zirconium metal targets and foils used as (1) targets for particle accelerators, (2) ionizing agents for static eliminators and vacuum tubes, (3) exciting agents for light sources;
- (b) light sources and vacuum tubes containing tritium gas;
- (c) light sources containing tritium-bearing phosphors; and
- (d) light sources containing tritiated organic materials.

The change requested in this license, if approved, means that United States Radium could ship a limit of 200 curies to any single customer regardless of the number of customers they may have in a particular country.

License No. 37-30-3 is specific as to the type of products which may be exported. These items are widely distributed in the United States. In view of the million curies of tritium made available for distribution by the Commission, it is felt this export request is reasonable and should not be inimical to the common defense or security. Reports of exports are required under Section 30.42 of our byproduct material licensing regulations.

(continued)

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The Division of Licensing and Regulation intends to restrict the license to a total export limit of 13,000 curies of tritium. This limit is based on a previous export approval of 38,200 curies to the United Kingdom, Atomic Energy Research Establishment at Harwell. One-third of the quantity received by the U. K. was to be subject to reexport to other countries except Subgroup A (Soviet Bloc) countries.

Section 30.33 of our byproduct material licensing regulations permits export of tritium only upon issuance of a specific license for this purpose by the Atomic Energy Commission. The Division of Licensing and Regulation has no objection to this export on regulatory grounds. Would you please indicate by your concurrence your agreement with this position or let us have your objections to the export approval.

Concurrences:

Division of International Affairs

Office of the General Counsel

Division of Military Application

Enclosure:

Letter from C. C. Carroll dated 8-14-59

I believe That a
limited license should
be issued to applicant
for time being and a
paper submitted to
a commission should
be submitted to what I
applicants might want
need for next few months.
of Commission a paper
with last paragraph
Page 1, the amendments
should be amended.
Rh.