

170

MANUFACTURERS OF
 LUMINOUS DIALS
 NEUTRON SOURCES
 RADIATION SOURCES
 RADIOACTIVE SPECIALTIES
 NAME PLATES
 ETCHED AND LITHOGRAPHED
 "UNDARK"
 LUMINOUS MATERIALS
 "IONOTRON"
 STATIC ELIMINATORS
 "RADELIN"
 X-RAY SCREENS
 TELEVISION PHOSPHORS
 "LACRON" PANELS
 "HELECON"
 LUMINESCENT PIGMENTS

TELEPHONE JEFFERSON 8-4000

PLANTS AND LABORATORIES
 BLOOMSBURG PA
 BERNI RIDGEMOUNT N.J.
 WHIPPANY N.J.
 HO HOLLYWOOD CALIF
 EUROPEAN AFFILIATE
 UNITED STATES RADIUM
 CORPORATION (EUROPE)
 GENEVA SWITZERLAND
 CANADIAN AFFILIATE
 RADELIN-FIRK LTD. TORONTO
 CABLE ADDRESS
 RADELIN-NEW YORK

UNITED STATES RADIUM CORPORATION

MORRISTOWN, NEW JERSEY

February 28, 1958

VIA AIR MAIL

Mr. James W. Hitch
 Assistant Chief, Isotopes Branch
 Division of Licensing and Regulation
 U. S. Atomic Energy Commission
 Washington 25, D. C.

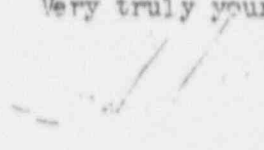
Your Ref: DLR/IB:DAS
 (31-2759-1)

Dear Mr. Hitch:

Thanks very much for your letter of February 25th relative to the granting of License Number 31-2759-1 to Radiation Research Corporation.

We very much appreciate your expediting this action, since it has certainly helped us out of a very serious problem, and I think will do much to help us promote and expand the use of tritiated foils.

Very truly yours,


 C. W. Wallhausen
 Vice President

CWW/ar

J. W. Hitch

September 25, 1958, OFFICE VISIT from Mr. Harry Dooley of the United States Radium Corporation. He asked about the application and license for United Airlines covering fluorescent markers. Stated that we should have had a letter in response to our letter of August 4 clarifying accountability of markers. He stated that United had indicated to him just last week that such a letter was being prepared.

Mr. Dooley was concerned about the responsibilities of the AEC for licensing the use of byproduct material in fluorescent markers which would go into ships belonging to the Holland American Lines operating out of Amsterdam. The activators would be either tritium or krypton and these ships would come into American harbors.

He also indicated that Capitol Airlines is becoming interested in signs and he is to talk with Mr. L. H. Caldwell, Chief Engineer, and Mr. Wasuta, Project Engineer, on this date.

Stated that Douglas Aircraft was concerned with fluorescent markers and was particularly interested in 7,500 units of a small marker used to identify seats by number in DC-8's. This sign will probably carry tritium with 500 millicuries per unit incorporated into a foil. Suggested to Mr. Dooley that this certainly should be applicable to a general license and perhaps they should move ahead with this idea in mind. However, for the time being, an application from Douglas should include specifications on the device and Douglas' accountability for installing these units along with the rate of air change in a DC-8.

Mr. Dooley stated that they had been approached by Nuclear-Chicago to supply encapsulation service on all their sealed sources. Wanted to know what our reaction would be to this idea if they encapsulated the sources in Nuclear-Chicago capsule shells according to AEC requirements. Advised him that we would have no problems if these sources met the specifications which Nuclear-Chicago had established and for which we have agreed to license.

Hitch:bc:rm

cc: R. E. Brinkman

II-062

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TELEVISION PHOSPHORS
"LACRON" PANELE
"MELECON" LUMINESCENT PIGMENTS

TELEPHONE JO 7-7600

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RADELIN-NEW YORK

UNITED STATES RADIUM CORPORATION

MORRISTOWN, NEW JERSEY

January 21, 1958

Airborne Instruments Laboratory
160 Old Country Road
Mineola, New York

Attention: Dr. Martin Freundlich

Dear Dr. Freundlich:

This is to advise you that strontium-⁹⁰ sealed source (USRC Serial No. 8594) was leak tested in our laboratory during the latter part of November and no evidence of leakage of the radioisotope was found.

The procedure used was to swab the various surfaces of the source with cotton-tipped swabs soaked with water and methyl ethyl ketone and then to measure those swabs on a counting rate meter (Nuclear Instrument 1615-B). This swabbing procedure was carried out on several successive days, and at no time was the counting rate above background level. These swabs were held at a distance of approximately 0.5 centimeters from a 1.4 mg per cm² window on the instrument mentioned above.

This leak testing procedure is in conformance with the requirements as set up by the Atomic Energy Commission. We hereby certify that, as near as we were able to determine through the techniques described above, this source was not leaking.

We are enclosing an extra copy of this letter so that you may forward it to the proper person at Rome Air Development Service. Please contact us if you have any further questions pertaining to this matter.

Very truly yours,

UNITED STATES RADIUM CORPORATION

R. L. Bunge, Ass't. Sales Manager
Radioactive Products

RLB/hw

J-666

FROM:		DATE OF DOCUMENT	DATE RECEIVED	NO.
C. W. Wellhausen U.S. Radium Corp. Morristown, N. J.		2/28/58	3/4/58	9470
TO:		LTR.	MEMO:	REPORT:
J. Hitch		<input checked="" type="checkbox"/>		OTHER:
CLASSIF.:		ORIG.:	CC:	OTHER:
Uncl.		<input checked="" type="checkbox"/>		
POST OFFICE		REPLY NECESSARY	DATE ANSWERED:	BY:
REG. NO.		NO REPLY NECESSARY		
DESCRIPTION: (Must Be Unclassified)		FILE CODE:		
Ans. 2/25/58 letter- thanks		REFERRED TO	DATE	RECEIVED BY
		Mason	3/8	
		Hitch		
ENCLOSURES:				
		V. Ans. F. ...	/11	
		F.L.C. 475		
REMARKS:				

II-061