

Howard Hospital Supply Corporation

2212 GEORGIA AVENUE, N.W.

WASHINGTON, D.C. 20001

Telephone 202-337-2655

Dr. David G. Mahan, President

Shanon, Suthanthiran
President, Customer Service

October 10, 1974

Scott Fontaine Jr.
Vice President, Production

Atomic Energy Commission
Washington, D.C.

Gentlemen:

Complying with regulation 32.72 of Part 32, I hereby, file an application to manufacture and distribute Iridium 192 in nylon ribbons.

I hold licence #08-14043-01 for the fabrication, testing and distribution of Iridium 192 and have manufactured and distributed these sources since 1970. These ribbons are used for treatment of curable cancer in some of our leading universities and cancer centers. I took up the production and distribution of these sources after E.P. Squibb and Sons discontinued the production and distribution. The technique was originally developed by U.K. Menschke, M.D. and there is no other supplier of this isotope in this form in the United States or abroad.

I also confirm that:

I satisfy the general requirement specified in paragraph 30.33.

The 192 Iridium seeds manufactured and distributed by me are encapsulated sources for interstitial implantation and as such the manufacture and distribution is not subject to the Federal Food Drug and Cosmetic Act and the Public Health Service Act.

The radionuclide used is 192 Iridium. It is in the form of a wire .003 inches in diameter and 2.5 mm long of 30% iridium and 70% platinum alloy, enclosed in 2 stainless steel capsules. It is packaged and shipped in a lead container of 1 1/2 inches wall thickness, which is contained in a strong box of 12 X 12 X 12 inches outside diameter. This box is suitable for safe handling and storage by group licensees.

The label affixed to each package complies with paragraph 32.72 (4) of Part 32 - August 3, 1974.

Sincerely yours,

COPIES SENT TO
REGULATORY OPERATIONS


Dr. David G. Mahan, Ph.D.

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PDR FOIA
COPPELL82-314 PDR

Howard Hospital Supply Corporation

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