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Upgrading and Continuous Improvement of ININ Gamma Irradiation Facility

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The highlights of the updated activities at ININ GAMMA IRRADIATION PLANT facilities and improvements as well as in the irradiation process, to make it a multipurpose plant with greater capacity for products processing are shown in this work. The ININ gamma irradiation plant has a 6500 JS irradiator originally designed for processing medical disposables. Since its start in 1980, the irradiation Plant have been increasing their annual hours of operation and as a result their number and diversity of clients from the food industry, pharmaceutical companies, medicines and medical devices manufactures and health care products, to such an extent that by the year 2000 and 2011 started operations in the country, respectively, two new irradiation facilities of private capital. The importance of implementing and maintaining a certified quality management system, improving ergonomics, stablish a preventive maintenance system and critical spare parts inventory, maintain the operating license as a result of good radiation safety practices, and good customer relationships to support compliance with their regulations are remarked. Results are also presented in improved uniformity of dose delivery, dose catalog offered to clients, cobalt-60 reloads (with corresponding activities) and annual processing capacity obtained.

Country/Organization invited to participate

Mexico

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