A REVIEW OF JOSEPH J.MANGANO’S STUDY ON THE VARIATION

IN THYROID CANCER INCIDENCE

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Health Physics Journal, Vol. 109, No. 3, September 2015

Abstract—Researchers have attempted to link incidences of papillary thyroid cancer with radioiodine releases from nuclear power plants. Thyroid cancer detection rates are examined together with overall population exposure to ionizing radiation and actual radioiodine releases from the Indian Point Energy Center to determine if a causal relationship exists. A critical review of the statistical analyses used in previous papers is then presented.

Health Phys. 109(3):258–264; 2015

Key words: 131I; cancer; nuclear power plant; thyroid

The URL is: <http://journals.na.lww.com/health-physics/Fulltext/2015/09000/A_Review_of_Joseph_J__Mangano_s_Study_on_the.10.aspx>

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