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

IN THYROID CANCER INCIDENCE

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 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.

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

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