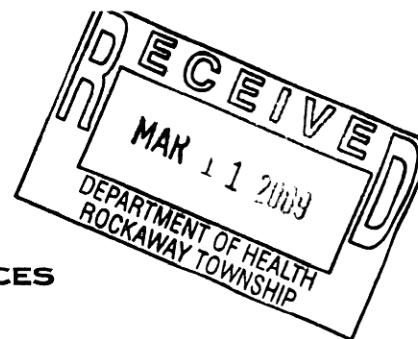




State of New Jersey
DEPARTMENT OF HEALTH AND SENIOR SERVICES
CANCER EPIDEMIOLOGY SERVICES
PO BOX 369
TRENTON, N.J. 08625-0369

JON S. CORZINE
Governor

www.nj.gov/health



HEATHER HOWARD, J.D.
Commissioner

March 6, 2009

Diane Trocchio, MS, APRN, BC, HO
Director of Health & Welfare
Rockaway Township Health Dept
65 Mt. Hope Road
Rockaway, NJ 07866-1699

Dear Ms. Trocchio:

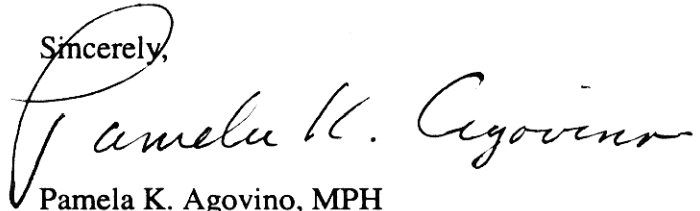
This letter is a follow-up to our recent conversation in which you relayed concerns of the Rockaway Township residents over Public Service Electric and Gas Company's (PSE&G) proposed installation/upgrade of the Susquehanna-Roseland power line project that will run through fifteen New Jersey municipalities including Rockaway Township, NJ. I hope the following information will be helpful to you and everyone in the community. Please feel free to share it with them.

You informed me that the residents are concerned about the potential cancer risk from exposure to electromagnetic fields (EMF) from the proposed Susquehanna-Roseland power line. Based on current research findings, the American Cancer Society (ACS) and the National Institutes of Health (NIH) have found there to be little or weak evidence of an association between exposure to power-frequency magnetic fields and cancer. Additionally, an extensive series of studies has shown that lifetime exposure of animals to power-frequency magnetic fields does not cause cancer. The World Health Organization (WHO) has stated that there has been no consistent evidence that exposure to EMFs experienced in our living environment causes direct damage to biological molecules, including DNA. Laboratory researchers are currently studying whether such an association is even biologically possible. For more information on EMFs, you may wish to contact the Nonionizing Radiation Section (NRS) of the New Jersey Department of Environmental Protection's (NJDEP) Radiation Protection Program at (609) 984-5521 (<http://www.nj.gov/dep/rpp/nrs/index.htm>).

In reviewing material on the project from the PSE&G website, I came across the pre-filed direct testimony of William H. Bailey, Ph.D prepared at the request of PSE&G, which can be found at : <http://www.pseg.com/companies/pseandg/powerline/testimony/bailey.pdf>. This document characterizes the EMF produced by the proposed Susquehanna-Roseland transmission lines associated with the project as extremely low frequency (ELF) and summarizes the conclusions reached by national and international scientific and health agencies that the types of EMF that people encounter in their daily life, including transmission lines, do not pose any recognized long-term health risks.

For your information, I have enclosed a copy of the National Cancer Institute (NCI) fact sheet titled *Magnetic Field Exposure and Cancer: Questions and Answers* and two articles from The American Cancer Society (ACS) on two landmark studies on EMF and childhood cancer. I have also enclosed copies of our fact sheets on cancer in communities, Cancer Risk Factors, Cancer Epidemiology Services (CES) Program and *Environmental Exposures and Your Health*.

Sincerely,



Pamela K. Agovino, MPH
Research Scientist
Cancer Epidemiology Services

Enclosures