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Docket No. 50-320

JUL 9 1980

Ms. Marijane Meckling
337 East Main Street
Annville, Pennsylvania 17003

Dear Ms. Meckling:

Mr. Denton has asked me to respond to your April 30, 1980, request for copies of two medical reports.

Enclosed are copies of the American Cancer Society publication entitled "Low-Level Radiation" and the Pennsylvania Medical Society report you requested.

I am also enclosing a copy of NUREG-0662 entitled "Final Environmental Assessment for Decontamination of the Three Mile Island Unit 2 Reactor Building Atmosphere." Chapter 7 discusses health effects. The NRC staff has determined that there would be negligible physical public health risks associated with purging the krypton-85. This determination has been supported by the Environmental Protection Agency, the U.S. Department of Health, Education and Welfare, the Union of Concerned Scientists, and the National Council on Radiation Protection and Measurements. Table 7.3 contains a summary of other common competing risks of mortality comparable to the maximum total-body dose from purging the krypton-85. The cancer mortality risk among the general population within 50 miles resulting from purging would be about 0.0001. This corresponds to an average risk of 0.000000000045 to each of 2,200,000 individuals living within 50 miles of the plant, or about 5 chances in 100 billion.

I trust that these documents will adequately assist you in your research and clarify your concerns regarding cancer risks.

Sincerely,

Bernard J. Snyder, Program Director
Three Mile Island Program Office
Office of Nuclear Reactor Regulation

Enclosures:

1. American Cancer Society Report
2. J. Danyo Memo. dated 6/23/80
3. NUREG-0662, Volumes 1 and 2

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*NOTE: SEE PREVIOUS YELLOW FOR CONCURRENCE

OFFICE	TMI PO	TMI PO	DIR/TMI PO		
SURNAME	*MDuncan/hmt	*Woliu	BSnyder		
DATE	7/1/80	7/1/80	7/1/80		