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Ms. Sara J. Sulpizio
515 North 13th Street
Harrisburg, Pennsylvania 17103

Dear Ms. Sulpizio:

Your letter to President Carter about venting krypton-85 from the Three Mile Island nuclear station and the health effects of the accident at TMI was referred to me for response.

Metropolitan Edison Company submitted to NRC a "Safety Analysis and Environmental Report" (November 13, 1979) in which it evaluated alternative methods for the disposal of the krypton gases, such as purging and cryogenic processing, and selective absorption. NRC also evaluated alternative methods for disposal of the krypton gas to determine what effect decontamination would have on workers, on the public health and safety, and on the environment. Based on its evaluation, NRC issued an environmental assessment (NUREG-0662 and two addenda) for public comment on March 26, 1980, and received approximately 800 comments. These comments were considered in the staff's preparation of the "Final Environmental Assessment for Decontamination of the Three Mile Island Unit 2 Reactor Building Atmosphere" (NUREG-0662), vols. 1 and 2, copies of which are enclosed for your information.

From this process have emerged the following NRC staff conclusions:

- The potential physical health impact on the public of using any of the proposed strategies for removing the krypton-85 is negligible.
- The potential psychological impact is likely to grow the longer it takes to reach a decision, get started, and complete the process.
- The purging method is the quickest and the safest for the workers on Three Mile Island to accomplish.
- Overall, no significant environmental impact would result from use of any of the alternatives discussed in the assessment.

On June 12, 1980, the Commission issued an Order for Temporary Modification of License, authorizing controlled purging of the krypton-85 from the reactor building atmosphere. In a separate Memorandum and Order, also issued on June 12, 1980, the Commission discussed rationale for its decision. Actual purging operations began on June 28, 1980, and were completed on July 11, 1980. The doses resulting from the purge were well within those predicted in section 7.1 of volume 1 of NRC's final environmental assessment. Copies of both Commission issuances are also enclosed.

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SURNAME			
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Ms. Sara J. Sulpizio

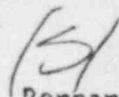
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With regard to your concern about the health effects of the accident, a team of investigators from the Nuclear Regulatory Commission, the Environmental Protection Agency, and the Department of Health, Education and Welfare calculated the doses to the people living within 50 miles of the Three Mile Island site and estimated the number of new cancers that would result from the exposure to the radioactivity that leaked out of the plant. The team reported their work in a report entitled, "Population Dose and Health Impact of the Accident at the Three Mile Island Nuclear Station" (NUREG-0558). They concluded that the offsite collective dose associated with radioactive material released from March 28, 1979, to April 7, 1979, represents minimal risks (that is, a very small number of additional health effects to the offsite population). Enclosed for your information is the summary of NUREG-0558.

I appreciate your concerns and assure you that every effort is being made to ensure the continued protection of the health and safety of the public, not only at Three Mile Island, but also at all nuclear power plants.

Sincerely,



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

- Enclosures:
1. NUREG-0662, vols. 1 & 2
 2. Order for Temporary Modification of License of June 12, 1980
 3. Memorandum and Order of June 12, 1980
 4. Summary of NUREG-0558

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515 North 13th Street
Harrisburg, PA 17103
June 26, 1980

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NRC

President Jimmy Carter
c/o White House
Pennsylvania Avenue
Washington, D.C. 20500

Dear Mr. President:

This is to advise that I, Sara J. Sulpizio, as a citizen residing within ten (10) miles of TMI, am opposed to the venting of radioactive Krypton-85 into our atmosphere.

I am already deeply concerned in regard to the potential health hazard created by the March 29, 1979 nuclear accident at TMI. Additional exposure by the venting of Krypton-85 would double that health threat.

Please be informed therefore, that I will hold Met-Ed, the NRC and the Federal Government personally responsible should any future lung disease, cancer and/or hereditary damage occur within myself or my family. Be further advised that should any future lung disease, cancer and/or hereditary damage occur, I shall take whatever steps are necessary for lawsuit of those companies who are responsible for endangering the life and health of my family and myself.

Sincerely yours,

Sara J. Sulpizio

Sara J. Sulpizio

Sworn and subscribed before me

this 30 day of June, 1980

Doris J. Ueber
Notary Public

My commission expires 95
DORIS J. UEBER, Notary Public
Harrisburg, Dauphin Co., Pa.
My Commission Expires Feb. 15, 1983