



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

APRIL 21 1980

NRC PDR
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Mr. James Leas
Union of Concerned Scientists
1725 I Street, N. W.
Suite 601
Washington, D. C. 20006

Dear Mr. Leas:

I am sending, in response to your telephone request of April 21, copies of proposals for krypton removal we have received to date in response to NRC's Environmental Assessment for decontaminating the reactor building atmosphere at Three Mile Island Unit 2 (NUREG-0662), and two Addenda.

The following information is enclosed for your consideration.

Letters from individuals:

- Theodore L. Golliard (3/28/80).
- Albert B. Snizik (3/28/80).
- M. Robert Poglee (3/30/80).
- Lee. J. Vesper, M.D. (3/30/80).
- Daniel M. Lipkin (4/7/80).
- Julius E. Marx (4/7/80).
- Adam D. Garrette (4/8/80).
- Richard H. McKinney, Sr. (undated).

Letters from private organizations:

- Environmental Coalition on Nuclear Power (3/14/80).
- Environmental Policy Center (3/20/80).

NRC staff suggestion:

- Jan A. Norris (3/24/80).

Articles and proposals from other sources:

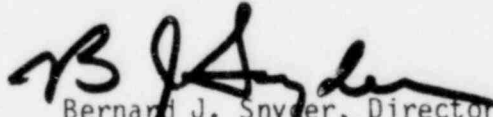
- Patricia J. Longenecker submitted "Kinetics of Inhaled Krypton in Man," Health Physics 33 (December 1977), 515-527, by K. J. Ellis, et al.
- Milton Lytton, MITRE Corp., submitted his process disclosure for cryogenic separation.

Articles and proposals from other sources (cont):

- Oak Ridge National Laboratory information on a fluorocarbon system:
 - "Development of the Fluor Process for Removing Krypton-85, Carbon-14, and Other Contaminants from the Off-Gas of Fuel Reprocessing Plants."
 - "Development of a Cryogenic Krypton Separation System for the Off-Gas of Reprocessing Plants."
 - "Advances in the Fluorocarbon Process for Decontamination of Nuclear Facility Off-Gas."
 - "Preliminary Proposal - Emergency Reactor Off-Gas Decontamination System."
- IBM Research and Development Report
 - "Encapsulation of Radioactive Noble Gas Waste in Amorphous Alloy."

I will forward any subsequent proposals should we receive them.

Sincerely,



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

Enclosures:
As listed