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July 13, 1979

The Honorable Joseph Hendrie
 Chairman, Nuclear Regulatory Commission
 Washington, D. C. 20555

Dear Mr. Chairman:

We have inferred from a June 28 briefing presented to the Subcommittee by NRC staff on the radiological release at Three Mile Island that the estimates of the release and resulting human exposure might be less well known than we had previously believed. We would appreciate, therefore, the Commission's position, including views of individual Commissioners where appropriate, with regard to the following:

1. The magnitude of the release that occurred each day during the period March 28 through April 7 of iodine, xenon, and other isotopes that might have contributed significantly to human exposure.
2. The degree of uncertainty and sources thereof in estimates of the radiological release and resulting human exposure.

We would appreciate, in addition, the staff's calculations leading to their estimates of the release of iodine, xenon, and other isotopes, and their calculations of the human exposure to ionizing radiation.

Thank you for your assistance.

Sincerely,

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Morris K. Udall
 MORRIS K. UDALL
 Chairman

Jim Weaver
 JIM WEAVER