

May 15, 2008

The Honorable Nancy Pelosi
Speaker of the United States
House of Representatives
Washington, D.C. 20515

Dear Madam Speaker:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am forwarding the enclosed "Report to Congress on Abnormal Occurrences: Fiscal Year [FY] 2007" (NUREG-0090, Vol. 30). This submission is in accordance with Section 208 of the Energy Reorganization Act of 1974 (Public Law 93-438) and the Federal Reports Elimination and Sunset Act of 1995 (Public Law 104-66), which require the NRC to identify and report abnormal occurrences (AOs) to Congress on an annual basis. In the context of the Energy Reorganization Act, an AO is an unscheduled incident or event that the Commission determines to be significant from the standpoint of public health or safety.

The NRC initially promulgated criteria for determining whether an accidental event is reported as an AO in a policy statement that the Commission published in the *Federal Register* on February 24, 1977 (42 FR 10950). Several revisions have been made to the original criteria in subsequent years. The most recent revision, which was published in the *Federal Register* on October 12, 2006 (71 FR 60198), and became effective on that date, established the criteria that the NRC used to define AOs for the purpose of the enclosed report. A copy of the 2006 criteria is set forth in Appendix A.

The enclosed AO report for FY 2007 describes five events at NRC-licensed facilities and six events at Agreement State-licensed facilities that meet the criteria to be classified as AOs. The first NRC-licensee event involved radiation exposure to an embryo/fetus. The other four NRC-licensee events were medical events, as defined in Title 10, Part 35, of the *Code of Federal Regulations* (10 CFR Part 35). All five NRC-licensee events occurred at medical institutions. All six events that occurred at Agreement State-licensed facilities were medical events, as defined in 10 CFR Part 35, and occurred at medical institutions.

Sincerely,

/RA/

Dale E. Klein

Enclosure:
As stated

Identical letter sent to:

The Honorable Nancy Pelosi
Speaker of the United States
House of Representatives
Washington, D.C. 20515

The Honorable Richard B. Cheney
President of the United States Senate
Washington, D.C. 20510

The Honorable Thomas R. Carper
Chairman, Subcommittee on Clean Air
and Nuclear Safety
Committee on Environment and Public Works
United States Senate
Washington, D.C. 20510
cc: Senator George V. Voinovich

The Honorable Barbara Boxer
Chairman, Committee on Environment
and Public Works
United States Senate
Washington, D.C. 20510
cc: Senator James M. Inhofe

The Honorable Rick Boucher
Chairman, Subcommittee on Energy
and Air Quality
Committee on Energy and Commerce
United States House of Representatives
Washington, D.C. 20515
cc: Representative Fred Upton

The Honorable John D. Dingell
Chairman, Committee on Energy
and Commerce
United States House of Representatives
Washington, D.C. 20515
cc: Representative Joe Barton

The Honorable Peter J. Visclosky
Chairman, Subcommittee on Energy
and Water Development
Committee on Appropriations
United States House of Representatives
Washington, D.C. 20515
cc: Representative David L. Hobson

The Honorable Byron Dorgan
Chairman, Subcommittee on Energy
and Water Development
Committee on Appropriations
United States Senate
Washington, D.C. 20510
cc: Senator Pete V. Domenici