The Honorable John Boehner
Speaker of the United States
House of Representatives
Washington, DC 20515

Dear Mr. 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) 2010." 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) that require NRC to identify and report abnormal occurrences to Congress on an annual basis. An abnormal occurrence (AO) is an unscheduled incident or event that the Commission determines to be significant from the standpoint of public health or safety.

NRC initially promulgated the AO criteria in a policy statement that the Commission published in the *Federal Register* on February 24, 1977, followed by several revisions in subsequent years. The most recent revision to the AO criteria was published in the *Federal Register* on October 12, 2006, and established the criteria that NRC used to define AOs for the purpose of the enclosed report as set forth in Appendix A of the enclosed report.

The enclosed AO report for FY 2010 describes eight events at NRC-licensed facilities and seven events at Agreement State-licensed facilities. One NRC-licensed event involved radiation exposure to an embryo/fetus. The other seven NRC-licensed events were medical events as defined in our regulations. Two Agreement State-licensed events involved radiation exposure to an embryo/fetus. The other five Agreement State-licensed events were medical events as defined in our regulations.

Sincerely,

Gregory B. Jaczko

Enclosure:
As stated

Identical letter sent to:

The Honorable Joseph R. Biden, Jr.
President of the United States Senate
Washington, DC 20510

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

The Honorable Thomas R. Carper
Chairman, Subcommittee on Clean Air
and Nuclear Safety
Committee on Environment and Public Works
United States Senate
Washington, DC 20510
cc: Senator David Vitter

The Honorable Fred Upton
Chairman, Committee on Energy
and Commerce
United States House of Representatives
Washington, DC 20515
cc: Representative Henry A. Waxman

The Honorable Edward Whitfield
Chairman, Subcommittee on Energy
and Power
Committee on Energy and Commerce
United States House of Representatives
Washington, DC 20515
cc: Representative Bobby L. Rush

The Honorable Rodney Frelinghuysen
Chairman, Subcommittee on Energy
and Water Development
Committee on Appropriations
United States House of Representatives
Washington, DC 20515
cc: Representative Peter J. Visclosky

The Honorable Dianne Feinstein
Chairman, Subcommittee on Energy
and Water Development
Committee on Appropriations
United States Senate
Washington, DC 20510
cc: Senator Lamar Alexander