

June 21, 2011

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

Dear Mr. President:

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,

*/RA/*

Gregory B. Jaczko

Enclosure:  
As stated

Identical letter sent to:

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

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 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 John Barrasso

The Honorable Fred Upton  
Chairman, Committee on Energy  
and Commerce  
United States House of Representatives  
Washington, D.C. 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, D.C. 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, D.C. 20515  
cc: Representative Peter J. Visclosky

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

The Honorable John A. Boehner  
Speaker of the United States  
House of Representatives  
Washington, D.C. 20515

The Honorable John Shimkus  
Chairman, Subcommittee on Environment  
and the Economy  
Committee on Energy and Commerce  
United States House of Representatives  
Washington, D.C. 20515  
cc: Representative Gene Green