



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 9, 2017

The Honorable Paul Ryan
Speaker of the 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) 2016." This submission is in accordance with Section 208 of the Energy Reorganization Act of 1974, as amended (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 annually. 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 issued the AO criteria in a policy statement that the Commission published in the *Federal Register* on February 24, 1977 (42 FR 10950), followed by several revisions in subsequent years. The most recent revision to the AO criteria, published in the *Federal Register* on October 12, 2006 (71 FR 60198), established the criteria that the NRC uses to define AOs for the purpose of the enclosed report, as set forth in Appendix A to that report.

The enclosed AO report for FY 2016 describes three events involving NRC licensees and eight events involving Agreement State licensees. Of these events, one event involved radiation exposure to an embryo or fetus by an Agreement State licensee; another involved radiation exposure to a radiographer at an Agreement State licensee; and one occurred at an NRC-licensed fuel cycle facility. The other six Agreement State and two NRC-licensee events were medical events, as defined in NRC regulations.

Sincerely,

Kristine L. Svinicki

Enclosure:
As stated

Identical letter sent to:

The Honorable Paul Ryan
Speaker of the House of Representatives
Washington, DC 20515

The Honorable Michael Pence
President of the Senate
Washington, DC 20510

The Honorable John Barrasso
Chairman, Committee on Environment
and Public Works
United States Senate
Washington, DC 20510
cc: Senator Thomas R. Carper

The Honorable Shelley Moore Capito
Chairman, Subcommittee on Clean Air and
Nuclear Safety
Committee on Environment and Public
Works
United States Senate
Washington, DC 20510
cc: Senator Sheldon Whitehouse

The Honorable Greg Walden
Chairman, Committee on Energy
and Commerce
United States House of Representatives
Washington, DC 20515
cc: Representative Frank Pallone, Jr.

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

The Honorable John Shimkus
Chairman, Subcommittee on Environment
Committee on Energy and Commerce
United States House of Representatives
Washington, DC 20515
cc: Representative Paul Tonko

The Honorable Mike Simpson
Chairman, Subcommittee on Energy and
Water Development
Committee on Appropriations
United States House of Representatives
Washington, DC 20515
cc: Representative Marcy Kaptur

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