



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

June 20, 2017

The Honorable John Barrasso  
Chairman, Committee on Environment  
and Public Works  
United States Senate  
Washington, DC 20510

Dear Mr. Chairman:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am pleased to submit the calendar year (CY) 2016 "Report to Congress on the Security Inspection Program for Commercial Power Reactors and Category I Fuel Cycle Facilities: Results and Status Update." Section 170D.e of Chapter 14 of the Atomic Energy Act of 1954, as amended, requires the NRC to submit a report to Congress, in both classified and unclassified form, that describes the results of each security response evaluation (i.e., force-on-force (FOF) exercise) conducted, and any relevant corrective actions taken by a licensee during the previous year. The report provides information regarding the overall security and safeguards performance of the commercial nuclear power industry and Category I (CAT I) fuel cycle facilities. Conducting FOF exercises and implementing the security inspection program are just two regulatory activities, among many, that the NRC performs to ensure the secure use and management of radioactive and nuclear materials by the commercial nuclear power industry and CAT I fuel cycle facilities.

During CY 2016, the NRC conducted 224 security inspections at commercial nuclear power reactors and CAT I fuel cycle facilities. Twenty-one of these were FOF inspections. Enclosure 1 discusses security program activities and the publicly available results of security inspections conducted by the NRC at commercial nuclear power reactors and CAT I fuel cycle facilities. Enclosure 2 discusses the non-public results of the security inspections conducted at commercial nuclear power reactors and CAT I fuel cycle facilities. Whenever a finding is identified during a security inspection, the NRC ensures that the licensee implements adequate compensatory measures until the problem is corrected. An example of a compensatory measure would be adding additional armed personnel and/or physical and cyber security measures to strengthen a licensee's security capabilities.

Enclosure 1 to this letter can be made publicly available. Enclosure 2 must be handled and stored in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 73.21 and 73.22, "Protection of Safeguards Information." Therefore, I respectfully request that access to Enclosure 2 be limited to you and those of your staff who have a need to know and who meet the requirements of Section 149 of the Atomic Energy Act of 1954, as amended, and 10 CFR 73.57 and 73.59.

Enclosure 2 transmitted herewith  
contains Safeguards Information.  
When separated from Enclosure 2, this  
transmittal document is decontrolled.

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Please feel free to contact me or Eugene Dacus, Director of the Office of Congressional Affairs, at (301) 415-1776 if you have questions or need additional information

Sincerely,

A handwritten signature in blue ink, appearing to read 'K. Svinicki', with a stylized, cursive flourish at the end.

Kristine L. Svinicki

Enclosures:

1. Publicly Available Report
2. Safeguards Information Report

cc: Senator Thomas R. Carper

**Identical letter sent to:**

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  
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