



CHAIRMAN

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

December 27, 2018

The Honorable Richard Shelby  
Chairman, Committee on Appropriations  
United States Senate  
Washington, DC 20510

Dear Mr. Chairman:

On behalf of the U.S. Nuclear Regulatory Commission, I am submitting a report describing approaches to permitting the use of digital instrumentation and controls (I&C) in safety applications outside of the nuclear industry and whether these approaches would be acceptable in nuclear applications. This report was directed by the Joint Explanatory Statement accompanying the Energy and Water, Legislative Branch, and Military Construction and Veterans Affairs Appropriations Act, 2019.

Please feel free to contact me or have your staff contact 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 "Kristine L. Svinicki".

Kristine L. Svinicki

Enclosure:  
Approaches to Permitting the Use of  
Digital Instrumentation & Controls in  
Safety Applications

cc: Senator Patrick J. Leahy

**Identical letter sent to:**

The Honorable Richard Shelby  
Chairman, Committee on Appropriations  
United States Senate  
Washington, DC 20510  
cc: Senator Patrick J. Leahy

The Honorable Rodney Frelinghuysen  
Chairman, Committee on Appropriations  
United States House of Representatives  
Washington, DC 20515  
cc: Representative Nita Lowey