



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

March 27, 2026

The Honorable Shelley Moore Capito  
Chairman, Committee on Environment  
and Public Works  
United States Senate  
Washington, DC 20510

Dear Chairman Capito:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am submitting the "Semiannual Status Report on the Licensing Activities and Regulatory Duties of the U.S. Nuclear Regulatory Commission." The enclosed report covers NRC activities from April 1, 2025, through September 30, 2025, and includes a list of rulemaking activities, their priority and schedule, and actions taken to adhere to the backfit rule, as directed in House Report 119-213 accompanying the Commerce, Justice, Science; Energy and Water Development; and Interior and Environment Appropriations Act, 2026.

During this reporting period, the NRC completed work associated with several major regulatory milestones and prepared for significant new license applications. Examples include:

- In May 2025, NRC staff completed the Final Safety Evaluation Report and issued the Standard Design Approval for the NuScale Power Company, LLC US460 design -2 months ahead of schedule.
- The NRC staff issued three subsequent renewed licenses. V.C. Summer Unit 1 was issued in June 2025, and Point Beach Units 1 and 2 were issued in September 2025.
- In June 2025, the staff issued a letter providing the expected review schedule and resources for the construction permit application submitted by Long Mott Energy, LLC on March 31, 2025, for the Long Mott Generating Station (a four-unit, X-Energy Xe-100 nuclear power facility). The letter stated the staff's expectation to complete the review by November 2026.
- On June 17, 2025, Fermi America submitted Part 1 of a combined license application (COLA) for four AP1000 reactors. The reactors are proposed to be located at the President Donald J. Trump Advanced Energy and Intelligence Campus in Carson County, Texas, adjacent to the U.S. Department of Energy's Pantex facility. Part 1 of the application included general, financial, and environmental information. On August 20, 2025, Fermi America submitted Part 2 of the COLA, which included the Final Safety Analysis Report. On September 5, the NRC staff completed acceptance review of Part 1 and Part 2 of the COLA. Following submittal of Part 3 of the COLA, which will include site-specific information, the NRC will be able to complete the acceptance review.

### Other Noteworthy Activities in the Reporting Period

The Accelerating Deployment of Versatile, Advanced Nuclear for Clean Energy (ADVANCE) Act of 2024, which was enacted in July 2024, offers the NRC additional tools and flexibilities to improve how the agency accomplishes its mission while preserving the NRC's role as an independent safety and security regulator. During the reporting period, the NRC completed 22 tasked actions and deliverables required by the Act, including the submission of multiple required reports to Congress and the publication of guidance documents to help implement the Act. As of the end of September 2025, the NRC has completed 30 of the 36 tasked actions and deliverables required by the Act. The NRC continues to work on the remaining tasked actions and deliverables as it implements the Act. The NRC continually updates its ADVANCE Act implementation public website to demonstrate its progress (<https://www.nrc.gov/about-nrc/governing-laws/advance-act.html>).

In addition, during the reporting period, President Donald J. Trump signed Executive Order (EO) 14300, "Ordering the Reform of the Nuclear Regulatory Commission." The EO requires the NRC to take several actions to help provide the American people with safe, abundant nuclear energy. The NRC has a dedicated team of individuals coordinating the agency's efforts to implement the requirements and meet the timelines of the EO, and has already initiated actions, such as an agency reorganization, that will be detailed in future reports. The NRC is aligning its efforts with the actions that were already underway to implement the provisions of the ADVANCE Act.

From April 1, 2025, through September 30, 2025, the NRC held 441 public meetings to address a wide range of topics. Also, during this time, the NRC received 266 new Freedom of Information Act (FOIA) requests and closed 232 pending FOIA requests.

Lastly, during this reporting period, the NRC staff conducted 72 security inspections across the current fleet of commercial nuclear power plants and Category I fuel cycle facilities. As detailed in the enclosed report, this included a total of nine full-scope force-on-force inspections involving simulated attacks on the selected facilities to test the effectiveness of the licensees' physical security programs.

The NRC has made significant progress on many of the milestones and projects discussed in the enclosed report since the end of the reporting period. 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 any questions or need additional information.

Sincerely,



Ho K. Nieh

Enclosures:  
As stated

cc: Senator Sheldon Whitehouse

Identical letter sent to:

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

The Honorable John Kennedy  
Chair, Subcommittee on Energy  
and Water Development  
Committee on Appropriations  
United States Senate  
Washington, DC 20510  
cc: Senator Patty Murray

The Honorable Cynthia Lummis  
Chairman, Subcommittee on Clean Air,  
Climate, and Nuclear Innovation and Safety  
Committee on Environment and Public Works  
United States Senate  
Washington, DC 20510  
cc: Senator Mark Kelly

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

The Honorable Bob Latta  
Chairman, Subcommittee on Energy  
Committee on Energy and Commerce  
United States House of Representatives  
Washington, DC 20515  
cc: Representative Kathy Castor

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

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