<table>
<thead>
<tr>
<th>Log #</th>
<th>Sponsor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>122</td>
<td>Brown</td>
<td>Reallocates funding for Wide Area Surveillance from procurement to RDT&amp;E</td>
</tr>
<tr>
<td>141</td>
<td>Rogers</td>
<td>Report on commercial and space-based radio frequency mapping</td>
</tr>
<tr>
<td>182</td>
<td>Cooper</td>
<td>Repeals the requirement for commission on electromagnetic pulse attacks and similar events.</td>
</tr>
<tr>
<td>183</td>
<td>Cooper</td>
<td>Authorization of Appropriations for National Nuclear Security Administration.</td>
</tr>
<tr>
<td>184r1</td>
<td>Cooper</td>
<td>Independent study on risks of nuclear terrorism and nuclear war.</td>
</tr>
<tr>
<td>193r1</td>
<td>Carbajal</td>
<td>Requests annual assessment of ballistic missile defense system</td>
</tr>
<tr>
<td>393</td>
<td>Lamborn</td>
<td>Encourages compatibility of DoD systems with complimentary commercial satellite ground architecture</td>
</tr>
<tr>
<td>427</td>
<td>Wilson</td>
<td>This amendment strikes language in Excess Plutonium Disposition (DRL) that mentions funding priorities of NNSA at the Savannah River Site.</td>
</tr>
<tr>
<td>429r1</td>
<td>Wilson</td>
<td>This amendment increases the Defense Environmental Cleanup account by $25M for Savannah River Risk Management Operations.</td>
</tr>
</tbody>
</table>
AMENDMENT TO H.R. 2500

OFFERED BY MR. BROWN OF MARYLAND

(funding table amendment)

In section 4201 of division D, relating to Research, Development, Test & Eval, Air Force, increase the amount for Wide Area Surveillance, 0604445F, Line 155, by $20,000,000.

In section 4101 of division D, relating to Other Procurement, Air Force, reduce the amount for Wide Area Surveillance, Line 034, by $20,000,000.
Amendment to H.R. 2500
National Defense Authorization Act for Fiscal Year 2020

Offered by: Mr. Rogers of Alabama

In the appropriate place in the report to accompany H.R. 2500, insert the following new Directive Report Language:


The committee directs the National Reconnaissance Office to provide a report to the House Committee on Armed Services not later than November 1, 2019 on commercial space-based radio frequency mapping and associated operations and services for space-based electromagnetic collections. The report shall include the timelines, milestones, and processes to establish the ordering and data delivery systems for commercial space-based radio frequency mapping and associated operations and services for space-based electromagnetic collections, how such commercial operations and services should integrate into existing workflows of the Department of Defense, how such commercial operations and services could be integrated into other existing analytics platforms, and how these services can meet current and future mission requirements.
AMENDMENT TO H.R. 2500
OFFERED BY MR. COOPER

At the appropriate place in title XVI, add the following new section:

SEC. 16. REPEAL OF REQUIREMENT FOR COMMISSION ON ELECTROMAGNETIC PULSE ATTACKS AND SIMILAR EVENTS.

(a) FINDINGS.—Congress finds the following:

(1) On March 26, 2019, the President released the “Executive Order on Coordinating National Resilience to Electromagnetic Pulses”.

(2) The Executive Order codifies policy, roles, and responsibilities within the executive branch in order to foster sustainable, efficient, and cost-effective approaches to improving the resilience of the United States to the effects of electromagnetic pulses.

(b) REPEAL.—Section 1691 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1786) is repealed.
AMENDMENT TO H.R. 2500
OFFERED BY MR. COOPER OF TENNESSEE

Strike section 3101 (log 70052) and insert the following:

SEC. 3101. NATIONAL NUCLEAR SECURITY ADMINISTRATION.

(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are hereby authorized to be appropriated to the Department of Energy for fiscal year 2020 for the activities of the National Nuclear Security Administration in carrying out programs as specified in the funding table in section 4701.

(b) AUTHORIZATION OF NEW PLANT PROJECTS.—From funds referred to in subsection (a) that are available for carrying out plant projects, the Secretary of Energy may carry out new plant projects for the National Nuclear Security Administration as follows:

Project 15–D–301, High Explosive Science and Engineering Facility, Pantex Plant, Amarillo, Texas, $123,000,000.

Project 15–D–611, Emergency Operations Center, Sandia National Laboratories, Albuquerque, New Mexico, $4,000,000.
Project 15–D–612, Emergency Operations Center, Lawrence Livermore National Laboratory, Livermore, California, $5,000,000.

Project 18–D–150, Surplus Plutonium Disposition, Savannah River Site, Aiken, South Carolina, $79,000,000.

Project 18–D–650, Tritium Finishing Facility, Savannah River Site, Aiken, South Carolina, $27,000,000.

Project 19–D–670, 138k Power Transmission System Replacement, Nevada National Security Site, Mercury, Nevada, $6,000,000.

Project 20–D–931, KL Fuel Development Laboratory, Knolls Atomic Power Laboratory, Schenectady, New York, $23,700,000.
AMENDMENT TO H.R. 2500
OFFERED BY Mr. Cooper

At the appropriate place in title XVI, add the following new section:

SEC. 16. INDEPENDENT STUDY ON RISKS OF NUCLEAR TERRORISM AND NUCLEAR WAR.

(a) STUDY.—Not later than 30 days after the date of the enactment of this Act, the Secretary of Defense shall seek to enter into an agreement with the National Academy of Sciences to conduct a study on the potential risks of nuclear terrorism and nuclear war.

(b) MATTERS INCLUDED.—The study under subsection (a) shall—

(1) quantify the potential risks of nuclear terrorism and nuclear war, including the level of uncertainty;

(2) assess prior literature on such risks;

(3) assess the role that quantitative risk analysis and other disciplines can play in quantifying such risks, including the limitations of such analysis and disciplines;

(4) assess the extent to which the nuclear strategy of the United States is consistent with the risks.
of nuclear terrorism and nuclear war identified in
the study; and
(5) provide recommendations as to whether fund-
damental assumptions about the national security
strategy of the United States might need to be re-
considered.
(c) SUBMISSION.—Not later than one year after the
date of the enactment of this Act, the Secretary shall sub-
mit to the congressional defense committees the study
under subsection (a), without change.
(d) FORM.—The study shall be submitted under sub-
section (c) in unclassified form, but may include a classi-
fied annex.
AMENDMENT TO H.R. 2500
OFFERED BY MR. CARBAJAL OF CALIFORNIA

At the appropriate place in title XVI, add the following new section:

1 SEC. 16. ANNUAL ASSESSMENT OF BALLISTIC MISSILE DEFENSE SYSTEM.

(a) SENSE OF CONGRESS.—It is the sense of Congress that operational test and evaluation of elements of the ballistic missile defense system should be conducted thoroughly in accordance with section 2399 of title 10, United States Code, including with respect to the reports required to be submitted to the congressional defense committees under subsection (b) of such section regarding the results of testing conducted on major defense acquisition programs.

(b) ANNUAL ASSESSMENT.—As part of the annual report of the Director of Operational Test and Evaluation submitted to Congress under section 139 of title 10, United States Code, the Director shall include an assessment of the ballistic missile defense system and all of the elements of the system that have been fielded or are planned, as of the date of the assessment, including—
(1) the operational effectiveness, suitability, and
survivability of the ballistic missile defense system
and the elements of the system that have been field-
ed or tested; and

(2) the adequacy and sufficiency of the test pro-
gram of such system as of the date of the assess-
ment, including with respect to the operational real-
ism of the tests.

(e) FORM.—Each assessment under subsection (a)
may be submitted in unclassified form, and may include
a classified annex.
AMENDMENT TO H.R. 2500
OFFERED BY MR. LAMBORN OF COLORADO

At the appropriate place in title XVI, add the following new section:

SEC. 16. RESILIENT ENTERPRISE GROUND ARCHITECTURE.

(a) SENSE OF CONGRESS.—It is the sense of Congress that the Secretary of the Air Force, to advance the security of the space assets of the Department of Defense, should—

(1) expand on complimentary efforts within the Air Force that promote the adoption of a resilient enterprise ground architecture that is responsive to new and changing threats and can rapidly integrate new capabilities to make the warfighting force of the United States more resilient in a contested battlespace; and

(2) prioritize the swift transition of space ground architecture to a common platform and leverage commercial capabilities in concurrence with the 2015 intent memorandum of the Commander of the Air Force Space Command.
(b) FUTURE ARCHITECTURE.—The Secretary of Defense shall, to the extent practicable—

(1) develop future satellite ground architectures of the Department of Defense to be compatible with complimentary commercial systems that can support uplink and downlink capabilities with dual-band spacecraft; and

(2) emphasize that future ground architecture transition away from stove-piped systems to a service-based platform that provides members of the Armed Forces with flexible and adaptable capabilities that—

(A) use, as applicable, commercially available capabilities and technologies for increased resiliency and cost savings; and

(B) builds commercial opportunity and integration across the range of resilient space systems.
In the portion of the report to accompany H.R. 2500 titled "Excess Plutonium Disposition", strike the following text:

The committee notes the commitment to dispose of the 34 metric tons of excess plutonium and is concerned that funding has not been prioritized to implement this program due to prioritizing plutonium pit production at the Savannah River Site, leading to questions about the U.S. nuclear nonproliferation commitment to disposal of this excess material. Therefore,
AMENDMENT TO H.R. 2500
OFFERED BY MR. WILSON
(funding table amendment)

In section 4701 of division D, relating to Defense Environmental Cleanup, increase the amount for Savannah River risk management operations, by $25,000,000.

In section 4301 of division D, relating to Operation and Maintenance, Defense-Wide Operating Forces, reduce the amount for Office of the Secretary of Defense, Line 460, by $25,000,000.