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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0605161D8Z / <i>Nuclear Matters-Physical Security</i>
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	77.270	17.370	21.043	19.871	-	19.871	19.491	19.504	19.853	20.226	Continuing	Continuing
161: <i>Nuclear Matters</i>	77.270	17.370	21.043	19.871	-	19.871	19.491	19.504	19.853	20.226	Continuing	Continuing

Note

New Start (Y/N): No

A. Mission Description and Budget Item Justification

This Program Element supports the 2022 National Defense Strategy's four top-level defense priorities by: Defending the homeland, paced to the growing multi-domain threat posed by the People's Republic of China (PRC); Deterring strategic attacks against the United States, Allies, and partners; Deterring aggression, while being prepared to prevail in conflict when necessary – prioritizing the PRC challenge in the Indo-Pacific region, then the Russia challenge in Europe, and; Building a resilient Joint Force and defense ecosystem.

The mission of Nuclear Matters is to ensure the continued credibility, safety, security, resiliency, and effectiveness of the U.S. nuclear deterrent to deter adversaries, assure allies and partners, and achieve U.S. objectives if deterrence fails—today and in the future. Nuclear Matters serves as the Department of Defense (DoD) focal point for the modernization and sustainment of the U.S. nuclear weapons stockpile, as well as for a wide range of nuclear counter-terrorism and counter-proliferation issues.

The funds for this program are used to support research, development, test and evaluation efforts as well as studies and analyses for nuclear weapons modernization, sustainment, security, use control, nuclear weapons stockpile safety, and survivability requirements. Funds are also used to develop and implement plans for the future of the stockpile and broader nuclear deterrent; infrastructure analyses and assessments; DoD-National Nuclear Security Administration (NNSA) Nuclear Weapons Council (NWC) activities, as mandated by Title 10 U.S. Code, section 179; radiological and nuclear emergency response efforts; and management of international programs of nuclear cooperation, particularly with respect to enhancing international nuclear safety and security. Nuclear Matters is also responsible for policy development and implementation for personnel reliability; nuclear weapons, nuclear command and control, and special nuclear materials security; use control; nuclear weapons transportation; physical security equipment; countering nuclear threats; and nuclear and radiological incident response. Additionally, Nuclear Matters serves as a focal point for DoD activities and initiatives related to countering the threat from nuclear terrorism and nuclear proliferation.

Nuclear Matters is leading a series of efforts to provide data-driven support to integrated portfolio management for 21st century nuclear deterrent sustainment and modernization. The United States is modernizing all three legs of its nuclear triad and is also reconstituting its nuclear weapons production capability at roughly the same time, while simultaneously sustaining weapons and systems that have aged well beyond their original design lives. The NWC and similar bodies seek to manage the transition from legacy Cold War delivery systems and weapons to replacement systems and warheads and make decisions that will affect U.S. national security through the end of the 21st century. To field a modern, threat-informed, nuclear deterrent that will keep pace with evolving adversary capabilities, it is necessary to conduct a variety of assessment and study efforts to enable data-driven decisions concerning the future of the U.S. nuclear deterrent.

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To meet the 2023 National Defense Authorization Act requirement to implement a portfolio management framework for nuclear forces, the Office of the Assistant Secretary of Defense for Nuclear, Chemical, and Biological Defense Programs will lead a nuclear integration and analysis cell to identify and analyze risks and opportunities across the nuclear enterprise. This effort will leverage advanced data analytics, enterprise risk management, and modeling and simulation tools across the nuclear deterrent portfolio to support data-driven decisions by the Nuclear Weapons Council and the newly formed Nuclear Deputy's Management Action Group which, "provide[s] senior leaders a comprehensive and strategic view of the state of the enterprise and prioritize[s] actions for executive decision."

This Program Element can fund travel to support the requirements of this program.

This appropriation will finance work, including manpower, performed by a government agency or by private individuals or organizations under a contractual or grant arrangement with the government who conduct research (systematic study directed toward fuller scientific knowledge or understanding of the subject studied), development (systematic use of the knowledge and understanding gained from research, for the production of useful materials, devices, systems, or methods, including the design and development of prototypes and processes) and test and evaluation efforts.

B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	15.039	21.043	21.043	-	21.043
Current President's Budget	17.370	21.043	19.871	-	19.871
Total Adjustments	2.331	0.000	-1.172	-	-1.172
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	2.881	-			
• SBIR/STTR Transfer	-0.550	-			
• Defense-Wide Topline Adjustment	-	-	-1.172	-	-1.172

Change Summary Explanation

No change in FY 2025 from previous President's Budget.

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Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605161D8Z / <i>Nuclear Matters-Physical Security</i>	Project (Number/Name) 161 / <i>Nuclear Matters</i>
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
161: <i>Nuclear Matters</i>	77.270	17.370	21.043	19.871	-	19.871	19.491	19.504	19.853	20.226	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The mission of Nuclear Matters is to ensure the continued credibility, safety, security, resiliency, and effectiveness of the U.S. nuclear deterrent to deter adversaries, assure allies and partners, and achieve U.S. objectives if deterrence fails—today and in the future. Nuclear Matters serves as the Department of Defense (DoD) focal point for the modernization and sustainment of the U.S. nuclear weapons stockpile, as well as for a wide range of nuclear counter-terrorism and counter-proliferation issues.

The funds for this program are used to support research, development, test and evaluation efforts as well as studies and analyses for nuclear weapons modernization, sustainment, security, use control, nuclear weapons stockpile safety, and survivability requirements. Funds are also used to develop and implement plans for the future of the stockpile and broader nuclear deterrent; infrastructure analyses and assessments; DoD-National Nuclear Security Administration (NNSA) Nuclear Weapons Council (NWC) activities, as mandated by Title 10 U.S. Code, section 179; radiological and nuclear emergency response efforts; and management of international programs of nuclear cooperation, particularly with respect to enhancing international nuclear safety and security. Nuclear Matters is also responsible for policy development and implementation for personnel reliability; nuclear weapons, nuclear command and control, and special nuclear materials security; use control; nuclear weapons transportation; physical security equipment; countering nuclear threats; and nuclear and radiological incident response. Additionally, Nuclear Matters serves as a focal point for DoD activities and initiatives related to countering the threat from nuclear terrorism and nuclear proliferation.

Nuclear Matters is leading a series of efforts to provide data-driven support to integrated portfolio management for 21st century nuclear deterrent sustainment and modernization. The United States is modernizing all three legs of its nuclear triad and is also reconstituting its nuclear weapons production capability at roughly the same time, while simultaneously sustaining weapons and systems that have aged well beyond their original design lives. The NWC and similar bodies seek to manage the transition from legacy Cold War delivery systems and weapons to replacement systems and warheads and make decisions that will affect U.S. national security through the end of the 21st century. To field a modern, threat-informed, nuclear deterrent that will keep pace with evolving adversary capabilities, it is necessary to conduct a variety of assessment and study efforts to enable data-driven decisions concerning the future of the U.S. nuclear deterrent.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2023	FY 2024	FY 2025
Title: Nuclear Integration and Analysis	2.111	6.814	5.882
Description: To meet the 2023 National Defense Authorization Act requirement to implement a portfolio management framework for nuclear forces, the Office of Assistant Secretary of Defense for Nuclear, Chemical, and Biological Defense Programs will lead a nuclear integration and analysis cell to identify and analyze risks and opportunities across the nuclear enterprise.			

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
<p>This effort will leverage advanced data analytics, enterprise risk management, and modeling and simulation tools across the nuclear deterrent portfolio to support data-driven decisions by the Nuclear Weapons Council and the newly formed Nuclear Deputy's Management Action Group which, "provide[s] senior leaders a comprehensive and strategic view of the state of the enterprise, and prioritize[s] actions for executive decision."</p> <p>FY 2024 Plans: This effort will result in achieving key Office of the Secretary of Defense-level metrics, including: - Improve understanding of the health and wellness of the Nuclear Enterprise; - Identify and exploit schedule and fiscal opportunities in nuclear modernization efforts; - Improve understanding of strategic advantage relative to the increasing threats posed by Russia and China; and - Identify and correct gaps and seams across the five major components of the nuclear enterprise.</p> <p>FY 2025 Plans: This effort will result in achieving key Office of the Secretary of Defense-level metrics, including: - Improve understanding of the health and wellness of the Nuclear Enterprise; - Identify and exploit schedule and fiscal opportunities in nuclear modernization efforts; - Improve understanding of strategic advantage relative to the increasing threats posed by Russia and China; and - Identify and correct gaps and seams across the five major components of the nuclear enterprise.</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: There are no significant changes between FY 2024 and FY 2025.</p>				
<p>Title: Nuclear Weapons Council (NWC)</p> <p>Description: The NWC is a joint DoD and Department of Energy (DOE)/National Nuclear Security Administration (NNSA) organization established by Congress to facilitate cooperation and coordination between the two Departments as they fulfill their dual agency responsibilities for U.S. nuclear weapons stockpile management.</p> <p>FY 2024 Plans: - Drive the activities on the statutorily-required Joint DoD-DOE NWC and its support committees to include the Nuclear Weapons Council Standing and Safety Committee, the Compartmented Advisory Committee, the Action Officer group, as well as newly formed working groups related to advanced capabilities, budget certification, and aeroshells.</p> <p>FY 2025 Plans:</p>		0.825	0.845	0.842

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
<p>- Drive the activities on the statutorily-required Joint DoD-DOE NWC and its support committees to include the Nuclear Weapons Council Standing and Safety Committee, the Compartmented Advisory Committee, the Action Officer group, as well as newly formed working groups related to advanced capabilities, budget certification, and aeroshells.</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: There are no significant changes between FY 2024 and FY 2025.</p>				
<p>Title: Nuclear Forensics, Resiliency, and Survivability</p> <p>Description: Per National Security Presidential Memorandum 35, the DoD leads the United States Government (USG) National Technical Nuclear Forensics (NTNF) post-detonation collection and analysis capability. Per DoD Directive S-2060.04, the Office of the Undersecretary of Defense for Acquisition & Sustainment (OUSDA&S) is the office responsible for developing and leading DoD's NTNF capabilities. Collecting and analyzing post-detonation debris is critical to ensure the USG can identify the source of nuclear material and holding those responsible for an attack accountable is critical to our national defense and security. Internal and independent assessments indicate new capabilities are needed to sustain an effective deterrent against nuclear attack and meet the challenges of future threats.</p> <p>FY 2024 Plans:</p> <ul style="list-style-type: none"> - Invest in nuclear forensics, survivability, and resiliency requirements to address DoD and nuclear enterprise needs. - Exercise DoD collection and analysis including exercises with the full USG NTNF capability to demonstrate USG resolve adding to our strategic deterrence. <p>FY 2025 Plans:</p> <ul style="list-style-type: none"> - Invest in nuclear forensics, survivability, and resiliency requirements to address DoD and nuclear enterprise needs. - Exercise DoD collection and analysis including exercises with the full USG NTNF capability to demonstrate USG resolve adding to our strategic deterrence. - Complete OCONUS NTNF collection concept of operations. <p>FY 2024 to FY 2025 Increase/Decrease Statement: There are no significant changes between FY 2024 and FY 2025.</p>		0.515	0.868	0.864
<p>Title: Nuclear Surety</p> <p>Description: Because of their political and military importance, destructive power, and the potential consequences of an accident or unauthorized act, nuclear weapons and nuclear weapon systems require special consideration--nuclear surety-- and must be protected against risks and threats inherent in their peacetime and wartime environments. Oversight of the DoD nuclear surety program is provided by the Deputy Assistant Secretary of Defense for Nuclear Matters.</p>		0.752	1.056	1.052

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
<p><i>FY 2024 Plans:</i></p> <ul style="list-style-type: none"> - Conduct OSD oversight and provide direction for actions taken under DoDI 4540.05, Transportation of U.S. Nuclear Weapons; DoDD S-5210.81, United States Nuclear Weapons Command and Control, Safety, and Security; DoDI S-3150.07, Controlling the Use of Nuclear Weapons and DoDI S-5210.82, Protection Nuclear Weapons Coding Equipment; DoDI 5210.42, Nuclear Weapons Personnel Reliability Assurance and DoDM 5210.42, Nuclear Weapons Personnel Reliability Program; and DoDD 5210.41, Security Policy for Protecting Nuclear Weapons, DoDI O-5210.63, DoD Procedures for Security of Nuclear Reactors and Special Nuclear Materials, and DoD S-5210.92M, Physical Security for Nuclear Command and Control (NC2) Facilities. - Address cybersecurity, supply chain, and emerging threats from degrading the execution of mission critical functions as it pertains to the safety, security and control of nuclear weapons and nuclear weapon systems. <p><i>FY 2025 Plans:</i></p> <ul style="list-style-type: none"> - Conduct OSD oversight and provide direction for actions taken under DoDI 4540.05, Transportation of U.S. Nuclear Weapons; DoDD S-5210.81, United States Nuclear Weapons Command and Control, Safety, and Security; DoDI S-3150.07, Controlling the Use of Nuclear Weapons and DoDI S-5210.82, Protection Nuclear Weapons Coding Equipment; DoDI 5210.42, Nuclear Weapons Personnel Reliability Assurance and DoDM 5210.42, Nuclear Weapons Personnel Reliability Program; and DoDD 5210.41, Security Policy for Protecting Nuclear Weapons, DoDI O-5210.63, DoD Procedures for Security of Nuclear Reactors and Special Nuclear Materials, and DoD S-5210.92M, Physical Security for Nuclear Command and Control (NC2) Facilities. - Address cybersecurity, supply chain, and emerging threats from degrading the execution of mission critical functions as it pertains to the safety, security and control of nuclear weapons and nuclear weapon systems. <p><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i> There are no significant changes between FY 2024 and FY 2025.</p>			
<p><i>Title:</i> Nuclear Incident Response and North Atlantic Treaty Organization (NATO) and International Nuclear Programs</p> <p><i>Description:</i> In accordance with Presidential Policy Directive 35, US Nuclear Weapons Command and Control, Safety and Security and the DoD implementer, DoDD S-5210.81, the DoD will establish policy on nuclear weapons procedures for responding to U.S. nuclear weapons accidents and incidents and serve as the technical advisor to the Secretary of Defense in the event of a nuclear accident or incident. Coordinates with other U.S. Government Agencies and allies to ensure their standards complement DoD efforts for responding to accidents and incidents.</p> <p>Regularly consult with NATO allies through the High Level Group, which is the senior advisory body to the NATO Nuclear Planning Group, consisting of subject matter experts and supporting the Assistant Secretary of Defense for nuclear, Chemical and Biological Defense in their role as Vice-Chair of the HLG. The HLG is comprised of national policy makers and experts from Allied partners.</p>	0.350	0.375	0.373

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
<p>The United States participates in several international programs of cooperation regarding nuclear weapons with foreign governments and regional defense organizations that involve unclassified and classified information exchanges. In general, these agreements are designed to promote safety and security, advance stockpile stewardship, and collaborate in counter-proliferation efforts.</p> <p>FY 2024 Plans:</p> <ul style="list-style-type: none"> - Serve as Chair of the Nuclear Weapons Accident and Incident Subcommittee tasked in Federal response plans and national directives with the responsibility to coordinate and execute U.S. nuclear weapons incident and accident response policy. - Coordinate overseas nuclear weapon storage and deployment issues with the Department of State, Combatant Commands, Services, and other DoD organizations. - Conduct Nuclear Weapon Incident Exercises for the DoD, in coordination and cooperation with other U.S. Government Agencies (to include state/local/tribal) and NATO Partners. - Confidence building programs of cooperation with international partners through tri and bi-lateral annual, bi-annual, semi-annual, and monthly engagements under Mutual Defense Agreements. - Sponsor international partners at national-level nuclear weapons accident/incident exercises, workshops, render safe exercises through tri-lateral engagements under Mutual Defense Agreements. <p>FY 2025 Plans:</p> <ul style="list-style-type: none"> - Serve as Chair of the Nuclear Weapons Accident and Incident Subcommittee tasked in Federal response plans and national directives with the responsibility to coordinate and execute U.S. nuclear weapons incident and accident response policy. - Coordinate overseas nuclear weapon storage and deployment issues with the Department of State, Combatant Commands, Services, and other DoD organizations. - Conduct Nuclear Weapon Incident Exercises for the DoD, in coordination and cooperation with other U.S. Government Agencies (to include state/local/tribal) and NATO Partners. <p>FY 2024 to FY 2025 Increase/Decrease Statement: There are no significant changes between FY 2024 and FY 2025.</p>				
<p>Title: Stockpile Planning and Decision Making</p> <p>Description: To meet its security needs and those of its allies, the U.S. will need a safe, secure, and reliable nuclear deterrent for the foreseeable future. There's increased risk, absent nuclear testing, in assuring long-term safety and reliability of today's aging stockpile—the legacy warheads left over from the Cold War. Today's nuclear weapons enterprise is not sufficiently responsive to technical problems in the stockpile, or to potential emerging threats. The task is to ensure the U.S. nuclear weapons stockpile and supporting infrastructure, meets long-term national security needs.</p>		2.155	2.450	2.259

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
<p><i>FY 2024 Plans:</i></p> <ul style="list-style-type: none"> - Conduct life cycle activities in support of the nuclear weapons stockpile under DoDD 3150.01, Joint DoD-DOE/NNSA Nuclear Weapon Life-Cycle Activities and DoDM 5030.55, DoD Procedures for Joint DoD-DOE Nuclear Weapons Life Cycle Activities. - Manage DoD RDT&E activities for nuclear warheads to include B61, W76, W78, W80, B83, W87, W88 Weapons. - Support studies for warhead replacement. <p><i>FY 2025 Plans:</i></p> <ul style="list-style-type: none"> - Conduct life cycle activities in support of the nuclear weapons stockpile under DoDD 3150.01, Joint DoD-DOE/NNSA Nuclear Weapon Life-Cycle Activities and DoDM 5030.55, DoD Procedures for Joint DoD-DOE Nuclear Weapons Life Cycle Activities. - Manage DoD RDT&E activities for nuclear warheads to include B61, W76, W78, W80, B83, W87, W88 Weapons. - Support studies for warhead replacement. <p><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i> There are no significant changes between FY 2024 and FY 2025.</p>			
<p><i>Title:</i> Nuclear Matters Technical Support</p> <p><i>Description:</i> Support to Nuclear Matters includes the following:</p> <ul style="list-style-type: none"> - Managing the operational, technical, and administrative support for the NWC and its subordinate bodies for a safe, secure, effective, and credible nuclear deterrent. - Developing and coordinating all reports to the President and Congress as mandated by public law including the Report on Stockpile Assessments, Nuclear Weapons Stockpile Memorandum, NWC Certification of the NNSA Budget, Nuclear Weapons Stockpile Report, Joint Surety Report. Stockpile Stewardship and Management Plan, and Report on Platform Assessment. - Developing technical content for briefings, reports, and decision letters; guides documents through coordination; and resolves issues within and between the agencies. - Maintaining official records of NWC and subordinate body proceedings and other official documents. - Address Original Classification Authority requirements for Formally Restricted Data. - Reviewing and documenting Freedom of Information Act and Mandatory Declassification Requests (Annual average of over 500 nuclear-related requests). <p><i>FY 2024 Plans:</i></p> <ul style="list-style-type: none"> - Manage the operational, technical, and administrative support for the NWC and its subordinate bodies for a safe, secure, effective, and credible nuclear deterrent. - Submit annual reports to the President and the Congress. - Oversee DoD/DOE relationship regarding the survivability and surety of the national nuclear stockpile. 	4.588	4.670	4.651

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
<ul style="list-style-type: none"> - Serve as DoD Sigma 15 Approval Authority (Interface with DOE/NNSA). - Address Original Classification Authority requirements for Formally Restricted Data. - Address Freedom of Information Act and Mandatory Declassification Requests. <p>FY 2025 Plans:</p> <ul style="list-style-type: none"> - Manage the operational, technical, and administrative support for the NWC and its subordinate bodies for a safe, secure, effective, and credible nuclear deterrent. - Submit annual reports to the President and the Congress. - Oversee DoD/DOE relationship regarding the survivability and surety of the national nuclear stockpile. - Serve as DoD Sigma 15 Approval Authority (Interface with DOE/NNSA). - Address Original Classification Authority requirements for Formally Restricted Data. - Address Freedom of Information Act and Mandatory Declassification Requests. <p>FY 2024 to FY 2025 Increase/Decrease Statement: There are no significant changes between FY 2024 and FY 2025.</p>				
<p>Title: Research and Development Oversight, Risk Management, and PPBE Support</p> <p>Description: This support addresses program management, evaluation, and resourcing functions associated with the Physical Security Enterprise & Analysis Group (PSEAG), the Security Policy Verification Committee, and Nuclear Forensics, Resilience and Survivability programs. This support also includes Planning, Programming, Budgeting and Execution (PPBE) for the Office of the Assistant Secretary of Defense for Nuclear, Chemical, and Biological Defense Programs and the Office of the Deputy Assistant Secretary of Defense for Nuclear Matters.</p> <p>FY 2024 Plans:</p> <ul style="list-style-type: none"> - Assist Nuclear Matters identify, capture, and track integrated risks, as well as aggregate or cumulative technical, geopolitical, operational, and programmatic risks associated with the nuclear enterprise, to include sustainment, modernization, and future planning. - Assist with coordinating, planning and executing nuclear and conventional physical security development, test, evaluation and deployment of projects executed by the Military Departments by ensuring joint capability gaps are identified and to avoid duplication of effort across the DoD to maximize use of limited funds. - Assist Nuclear Matters and the PSEAG pursue a joint-layered defense approach to Counter-Uncrewed Systems (C-UxS) by integrating sensors and systems into physical security architectures and command and control systems to address this threat. - Coordinate efforts across the DoD, interagency and international partners to develop C-UxS solutions to detect, track, identify, and defeat that support valid requirements while eliminating duplication of effort, pursuing the use of government and commercial off-the-shelf (GOTS/COTS) products, ensuring systems integration, and promoting interoperability and sustainability. 		3.743	3.965	3.948

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
<p>- Support all phases of the PPBE process and meet all mandated timelines for submission of related documents; contribute to the development of PPBE policy guidance for OASD(NCB); providing programmatic, business, financial, and policy assessments to the OASD(NCB); Maintaining and updating OASD(NCB) related funding profiles in official DoD financial databases and systems.</p> <p>FY 2025 Plans:</p> <ul style="list-style-type: none"> - Assist Nuclear Matters identify, capture, and track integrated risks, as well as aggregate or cumulative technical, geopolitical, operational, and programmatic risks associated with the nuclear enterprise, to include sustainment, modernization, and future planning. - Assist with coordinating, planning and executing nuclear and conventional physical security development, test, evaluation and deployment of projects executed by the Military Departments by ensuring joint capability gaps are identified and to avoid duplication of effort across the DoD to maximize use of limited funds. - Assist Nuclear Matters and the PSEAG pursue a joint-layered defense approach to Counter-Uncrewed Systems (C-UxS) by integrating sensors and systems into physical security architectures and command and control systems to address this threat. - Coordinate efforts across the DoD, interagency and international partners to develop C-UxS solutions to detect, track, identify, and defeat that support valid requirements while eliminating duplication of effort, pursuing the use of government and commercial off-the-shelf (GOTS/COTS) products, ensuring systems integration, and promoting interoperability and sustainability. - Support all phases of the PPBE process and meet all mandated timelines for submission of related documents; contribute to the development of PPBE policy guidance for OASD(NCB); providing programmatic, business, financial, and policy assessments to the OASD(NCB); Maintaining and updating OASD(NCB) related funding profiles in official DoD financial databases and systems. <p>FY 2024 to FY 2025 Increase/Decrease Statement: There are no significant changes between FY 2024 and FY 2025.</p>			
<p>Title: Failsafe and Risk Reduction</p> <p>Description: Congressional tasking under FY 2022 National Defense Authorization Act section 1644 directed, that for all “covered nuclear systems” of the United States: (1) Nuclear weapon systems, (2) the Nuclear Command, Control, and Communications System, and (3) the Integrated Tactical Warning/Attack Assessment system that a study was needed to a) conduct an independent review of the safety, security, and reliability of covered nuclear systems, and b) ensure the review is conducted in a manner similar to the (1991-92) review conducted by the Federal Advisory Committee on Nuclear Failsafe and Risk Reduction.</p>	2.331	-	-
Accomplishments/Planned Programs Subtotals	17.370	21.043	19.871

C. Other Program Funding Summary (\$ in Millions)
N/A

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C. Other Program Funding Summary (\$ in Millions)

Remarks

D. Acquisition Strategy

N/A