

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Navy** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319: Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P)	<b>R-1 Program Element (Number/Name)</b> PE 0603570N / Advanced Nuclear Power Systems
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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	0.000	227.400	319.656	368.002	-	368.002	383.830	392.427	460.521	635.033	Continuing	Continuing
1258: Nuclear Technology Development	0.000	77.614	82.112	85.517	-	85.517	87.857	90.793	93.433	95.395	Continuing	Continuing
2370: Next Generation Fast Attack Nuclear Propulsion Development	0.000	93.079	183.144	238.100	-	238.100	256.800	265.800	349.241	539.638	Continuing	Continuing
3219: SBSD Nuclear Technology Development	0.000	56.707	54.400	44.385	-	44.385	39.173	35.834	17.847	0.000	0.000	248.346

**Program MDAP/MAIS Code:**  
**Project MDAP/MAIS Code(s): 444**

**A. Mission Description and Budget Item Justification**

The details of this program element are classified CONFIDENTIAL and are submitted annually to Congress in the classified budget justification books.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Previous President's Budget	227.400	319.656	368.041	-	368.041
Current President's Budget	227.400	319.656	368.002	-	368.002
Total Adjustments	0.000	0.000	-0.039	-	-0.039
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	-0.039	-	-0.039

**Change Summary Explanation**

Technical: Not applicable.  
 Schedule: Not applicable.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 1319 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0603570N / <i>Advanced Nuclear Power Systems</i>				<b>Project (Number/Name)</b> 1258 / <i>Nuclear Technology Development</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
1258: <i>Nuclear Technology Development</i>	0.000	77.614	82.112	85.517	-	85.517	87.857	90.793	93.433	95.395	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 1319 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0603570N / <i>Advanced Nuclear Power Systems</i>				<b>Project (Number/Name)</b> 2370 / <i>Next Generation Fast Attack Nuclear Propulsion Development</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
<i>2370: Next Generation Fast Attack Nuclear Propulsion Development</i>	0.000	93.079	183.144	238.100	-	238.100	256.800	265.800	349.241	539.638	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 Navy **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603570N / <i>Advanced Nuclear Power Systems</i>	<b>Project (Number/Name)</b> 3219 / <i>SBSD Nuclear Technology Development</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
3219: <i>SBSD Nuclear Technology Development</i>	0.000	56.707	54.400	44.385	-	44.385	39.173	35.834	17.847	0.000	0.000	248.346
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Project MDAP/MAIS Code:** 444

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