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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P)</i>	R-1 Program Element (Number/Name) PE 0603570N / <i>Advanced Nuclear Power Systems</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	0.000	149.188	203.572	227.400	-	227.400	316.612	363.853	378.719	386.063	Continuing	Continuing
1258: <i>Nuclear Technology Development</i>	0.000	69.103	75.283	77.614	-	77.614	79.238	81.593	82.974	84.716	Continuing	Continuing
2370: <i>Next Generation Fast Attack Nuclear Propulsion Development</i>	0.000	0.000	68.147	93.079	-	93.079	183.144	238.139	256.846	265.836	Continuing	Continuing
3219: <i>SBSD Nuclear Technology Development</i>	0.000	80.085	60.142	56.707	-	56.707	54.230	44.121	38.899	35.511	Continuing	Continuing

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. Program Change Summary (\$ in Millions)

	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>
Previous President's Budget	149.188	203.572	0.000	-	0.000
Current President's Budget	149.188	203.572	227.400	-	227.400
Total Adjustments	0.000	0.000	227.400	-	227.400
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000
• Adjustments to Budget Year	-	-	227.400	-	227.400

Change Summary Explanation

Technical: Not applicable.

Schedule: Not applicable.

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Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P)</i>	R-1 Program Element (Number/Name) PE 0603570N / <i>Advanced Nuclear Power Systems</i>	
FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.		

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy										Date: April 2022		
Appropriation/Budget Activity 1319 / 4					R-1 Program Element (Number/Name) PE 0603570N / <i>Advanced Nuclear Power Systems</i>				Project (Number/Name) 1258 / <i>Nuclear Technology Development</i>			
COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
1258: <i>Nuclear Technology Development</i>	0.000	69.103	75.283	77.614	-	77.614	79.238	81.593	82.974	84.716	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy										Date: April 2022		
Appropriation/Budget Activity 1319 / 4					R-1 Program Element (Number/Name) PE 0603570N / <i>Advanced Nuclear Power Systems</i>				Project (Number/Name) 2370 / <i>Next Generation Fast Attack Nuclear Propulsion Development</i>			
COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
<i>2370: Next Generation Fast Attack Nuclear Propulsion Development</i>	0.000	0.000	68.147	93.079	-	93.079	183.144	238.139	256.846	265.836	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0603570N / <i>Advanced Nuclear Power Systems</i>	Project (Number/Name) 3219 / <i>SBSD Nuclear Technology Development</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
3219: <i>SBSD Nuclear Technology Development</i>	0.000	80.085	60.142	56.707	-	56.707	54.230	44.121	38.899	35.511	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: 444

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