

UNCLASSIFIED

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| Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Navy | Date: March 2014 |
|---|-------------------------|

| Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P) | | | | | R-1 Program Element (Number/Name) PE 0603570N / Advanced Nuclear Power Systems | | | | | | | |
|---|-------------|---------|---------|--------------|---|---------------|---------|---------|---------|---------|------------------|------------|
| COST (\$ in Millions) | Prior Years | FY 2013 | FY 2014 | FY 2015 Base | FY 2015 OCO # | FY 2015 Total | FY 2016 | FY 2017 | FY 2018 | FY 2019 | Cost To Complete | Total Cost |
| Total Program Element | 0.000 | 228.861 | 428.933 | 499.961 | - | 499.961 | 485.933 | 476.226 | 467.646 | 358.901 | Continuing | Continuing |
| 1258: Nuclear Technology Development | 0.000 | 54.947 | 60.727 | 65.204 | - | 65.204 | 63.272 | 64.628 | 65.948 | 67.599 | Continuing | Continuing |
| 2692: CVN 21 Propulsion Plant Development | 0.000 | 58.193 | 57.499 | 60.459 | - | 60.459 | - | - | - | - | - | 176.151 |
| 3219: SBSD Nuclear Technology Development | 0.000 | 73.714 | 296.050 | 369.964 | - | 369.964 | 422.661 | 411.598 | 401.698 | 291.302 | Continuing | Continuing |
| 3221: Training Platform Replacement | 0.000 | 40.218 | 14.657 | 4.334 | - | 4.334 | - | - | - | - | - | 59.209 |
| 4000: Tactical Energy Investment | 0.000 | 1.789 | - | - | - | - | - | - | - | - | - | 1.789 |

The FY 2015 OCO Request will be submitted at a later date.

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) | FY 2013 | FY 2014 | FY 2015 Base | FY 2015 OCO | FY 2015 Total |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget | 249.748 | 428.933 | 481.232 | - | 481.232 |
| Current President's Budget | 228.861 | 428.933 | 499.961 | - | 499.961 |
| Total Adjustments | -20.887 | - | 18.729 | - | 18.729 |
| • Congressional General Reductions | - | - | | | |
| • Congressional Directed Reductions | - | - | | | |
| • Congressional Rescissions | - | - | | | |
| • Congressional Adds | - | - | | | |
| • Congressional Directed Transfers | - | - | | | |
| • Reprogrammings | - | - | | | |
| • SBIR/STTR Transfer | -0.064 | - | | | |
| • Program Adjustments | - | - | 20.682 | - | 20.682 |
| • Rate/Misc Adjustments | - | - | -1.953 | - | -1.953 |
| • Congressional General Reductions Adjustments | -20.823 | - | - | - | - |

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| Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Navy | | Date: March 2014 |
| Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P) | | R-1 Program Element (Number/Name) PE 0603570N / Advanced Nuclear Power Systems |
| <div>Change Summary Explanation</div> <div>Technical: Not applicable.</div> <div>Schedule: Not applicable.</div> | | |

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| Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy | | | | | | | | | | Date: March 2014 | | |
|---|-------------|---------|---------|--------------|--|---------------|---------|---------|---|------------------|------------------|------------|
| 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 2013 | FY 2014 | FY 2015 Base | FY 2015 OCO # | FY 2015 Total | FY 2016 | FY 2017 | FY 2018 | FY 2019 | Cost To Complete | Total Cost |
| 1258: <i>Nuclear Technology Development</i> | - | 54.947 | 60.727 | 65.204 | - | 65.204 | 63.272 | 64.628 | 65.948 | 67.599 | Continuing | Continuing |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

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| Appropriation/Budget Activity 1319 / 4 | | | | | R-1 Program Element (Number/Name) PE 0603570N / <i>Advanced Nuclear Power Systems</i> | | | | Project (Number/Name) 2692 / <i>CVN 21 Propulsion Plant Development</i> | | | |
| COST (\$ in Millions) | Prior Years | FY 2013 | FY 2014 | FY 2015 Base | FY 2015 OCO # | FY 2015 Total | FY 2016 | FY 2017 | FY 2018 | FY 2019 | Cost To Complete | Total Cost |
| 2692: <i>CVN 21 Propulsion Plant Development</i> | - | 58.193 | 57.499 | 60.459 | - | 60.459 | - | - | - | - | - | 176.151 |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

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| Appropriation/Budget Activity 1319 / 4 | | | | | R-1 Program Element (Number/Name) PE 0603570N / Advanced Nuclear Power Systems | | | | Project (Number/Name) 3219 / SBSD Nuclear Technology Development | | | |
| COST (\$ in Millions) | Prior Years | FY 2013 | FY 2014 | FY 2015 Base | FY 2015 OCO # | FY 2015 Total | FY 2016 | FY 2017 | FY 2018 | FY 2019 | Cost To Complete | Total Cost |
| 3219: SBSD Nuclear Technology Development | - | 73.714 | 296.050 | 369.964 | - | 369.964 | 422.661 | 411.598 | 401.698 | 291.302 | Continuing | Continuing |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

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| Appropriation/Budget Activity 1319 / 4 | | | | | R-1 Program Element (Number/Name) PE 0603570N / <i>Advanced Nuclear Power Systems</i> | | | | Project (Number/Name) 3221 / <i>Training Platform Replacement</i> | | | |
| COST (\$ in Millions) | Prior Years | FY 2013 | FY 2014 | FY 2015 Base | FY 2015 OCO # | FY 2015 Total | FY 2016 | FY 2017 | FY 2018 | FY 2019 | Cost To Complete | Total Cost |
| 3221: <i>Training Platform Replacement</i> | - | 40.218 | 14.657 | 4.334 | - | 4.334 | - | - | - | - | - | 59.209 |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

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|---|-------------|---------|---------|--------------|---|---------------|---------|---------|--|------------------|------------------|------------|
| Appropriation/Budget Activity 1319 / 4 | | | | | R-1 Program Element (Number/Name) PE 0603570N / Advanced Nuclear Power Systems | | | | Project (Number/Name) 4000 / Tactical Energy Investment | | | |
| COST (\$ in Millions) | Prior Years | FY 2013 | FY 2014 | FY 2015 Base | FY 2015 OCO # | FY 2015 Total | FY 2016 | FY 2017 | FY 2018 | FY 2019 | Cost To Complete | Total Cost |
| 4000: Tactical Energy Investment | - | 1.789 | - | - | - | - | - | - | - | - | - | 1.789 |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

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