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| <b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2015 Navy | <b>Date:</b> March 2014 |
|-----------------------------------------------------------------------|-------------------------|

| Appropriation/Budget Activity<br>1319: Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P) |             |         |         |              | R-1 Program Element (Number/Name)<br>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**

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| <b>B. Program Change Summary (\$ in Millions)</b> | <b>FY 2013</b> | <b>FY 2014</b> | <b>FY 2015 Base</b> | <b>FY 2015 OCO</b> | <b>FY 2015 Total</b> |
|---------------------------------------------------|----------------|----------------|---------------------|--------------------|----------------------|
| 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                                                                                |
| <b>Appropriation/Budget Activity</b><br>1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i> |  | <b>R-1 Program Element (Number/Name)</b><br>PE 0603570N / <i>Advanced Nuclear Power Systems</i> |
| <b><u>Change Summary Explanation</u></b><br>Technical: Not applicable.<br>Schedule: Not applicable.                                                                         |  |                                                                                                 |

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|---------------------------------------------------------|-------------|---------|---------|--------------|------------------------------------------------------------------------------------------|---------------|---------|---------|-----------------------------------------------------------------------|------------------|------------------|------------|
| Appropriation/Budget Activity<br>1319 / 4               |             |         |         |              | R-1 Program Element (Number/Name)<br>PE 0603570N / <i>Advanced Nuclear Power Systems</i> |               |         |         | Project (Number/Name)<br>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<br>1319 / 4               |             |         |         |              | R-1 Program Element (Number/Name)<br>PE 0603570N / <i>Advanced Nuclear Power Systems</i> |               |         |         | Project (Number/Name)<br>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<br>1319 / 4               |             |         |         |              | R-1 Program Element (Number/Name)<br>PE 0603570N / Advanced Nuclear Power Systems |               |         |         | Project (Number/Name)<br>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<br>1319 / 4               |             |         |         |              | R-1 Program Element (Number/Name)<br>PE 0603570N / <i>Advanced Nuclear Power Systems</i> |               |         |         | Project (Number/Name)<br>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<br>1319 / 4               |             |         |         |              | R-1 Program Element (Number/Name)<br>PE 0603570N / Advanced Nuclear Power Systems |               |         |         | Project (Number/Name)<br>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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