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**OSD RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)**

Date: February 2006

APPROPRIATION/ BUDGET ACTIVITY  
RDT&E/ Defense Wide BA# 6

PE NUMBER AND TITLE

**0605161D8Z - Nuclear Matters - Physical Security**

Cost (\$ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total Program Element (PE) Cost	0.000	12.244	4.285	4.749	4.726	4.782	16.273
P161 Nuclear Matters - Physical Security	0.000	12.244	4.285	4.749	4.726	4.782	16.273

**A. Mission Description and Budget Item Justification:** (U) Effective October 1, 2005, funding for this program moved from PE 0605160D8Z (Counterproliferation Support) Budget Activity 3, to PE 0605161D8Z (Nuclear Matters-Physical Security) in Budget Activity 6. The purpose of the Counterproliferation Support program, commonly called Nuclear Matters, is to sustain the U.S. nuclear deterrent posture. The funds for this program are used to support research, development, test and evaluation efforts, as well as studies and analyses, for nuclear weapons security, use control, nuclear weapons stockpile safety, survivability and performance. Funds are also used to develop and implement plans for stockpile transformation; infrastructure analyses and assessments; DoD-NNSA Nuclear Weapons Council activities, as mandated by Title 10 USC, section 179; radiological and nuclear emergency response efforts; and manage international programs of nuclear cooperation, particularly with respect to enhancing international nuclear safety and security and office management. In fiscal year 2004, this program incorporated additional responsibility for policy development and implementation, and operations and oversight of nuclear weapons physical security and Personnel Reliability Programs for the protection of tactical, fixed and nuclear weapons systems, DoD personnel and DoD facilities.)

<b>B. Program Change Summary</b>	FY 2005	FY 2006	FY 2007
Previous President's Budget (FY 2006)	0.000	12.442	13.079
Current BES/President's Budget (FY 2007)	0.000	12.244	4.285
Total Adjustments	0.000	-0.198	-8.794
Congressional Program Reductions			
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer			
Other		-0.198	-8.794

FY07 - FY11 funds were moved to PE 0603161D and 0604161D still under Nuclear Matters Perview.

**C. Other Program Funding Summary:** Not Applicable.**D. Acquisition Strategy:** Not Applicable.

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**E. Performance Metrics:** Not Applicable.

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**Schedule Detail (R4a Exhibit)**

Date: February 2006

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PE NUMBER AND TITLE

**0605161D8Z - Nuclear Matters - Physical Security**

PROJECT

**0605161D8Z**

**Schedule Detail:** Not applicable for this item.

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<b>Termination Liability Funding For Major Defense Acquisition Programs, RDT&amp;E Funding (R5)</b>						Date: February 2006			
APPROPRIATION/ BUDGET ACTIVITY RDT&E/ Defense Wide BA# 6			PE NUMBER AND TITLE <b>0605161D8Z - Nuclear Matters - Physical Security</b>				PROJECT <b>0605161D8Z</b>		
Funding in \$000									
<b>Program</b>			<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011</b>
<b>Total Termination Liability Funding:</b>									

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**OSD RDT&E PROJECT JUSTIFICATION (R2a Exhibit)**

Date: February 2006

APPROPRIATION/ BUDGET ACTIVITY RDT&E/ Defense Wide BA# 6		PE NUMBER AND TITLE <b>0605161D8Z - Nuclear Matters - Physical Security</b>					PROJECT <b>P161</b>	
Cost (\$ in Millions)		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
P161 Nuclear Matters - Physical Security		0.000	12.244	4.285	4.749	4.726	4.782	16.273

**A. Mission Description and Project Justification:** Effective October 1, 2005 funding for this program moved from PE 0605160D8Z (Counterproliferation Support) in Budget Activity 3 to PE 0605161D8Z (Nuclear Matters-Physical Security) in Budget Activity 6. The purpose of the program is to sustain the U.S. nuclear deterrent posture. The funds for this program are used to support studies and analyses for research, development, test and evaluation efforts for nuclear weapons security, use control, nuclear weapons stockpile safety, survivability and performance and office management. Funds are also used to develop and implement plans for stockpile transformation; infrastructure analyses and assessments for nuclear matters office.

**B. Accomplishments/Planned Program:**

Accomplishment/Planned Program Title	FY 2005	FY 2006	FY 2007
Project Number and Title: Nuclear Matters	0.000	12.244	0.000

**FY 2006 Plan:**

- Conduct OSD oversight and provide directions for actions conducted under DoDD 3150.2, DoDD 3150.2-M, "DoD Nuclear Weapons Safety Program, DoDD 4540.5 "Transportation of Nuclear Weapons" and DoDI S-5210.82, "Protection of Nuclear Coding Equipment," DoDD 5210.41 and 5210.41-M, "Physical Security of Nuclear Weapons.
  - Complete the updating and documentation of DoD policy, responsibilities, and procedures in DoD publications to include DoDD S-3150.7, "Controlling the Use of Nuclear Weapons", DoDD 3150.3, "Nuclear Forces Security & Surety" and "DoDD 5210.42, "Nuclear Weapons PRP."
  - Continue to conduct implementation activities stemming from approved recommendations of the assessment on Nuclear Force Protection.
  - Continue to manage the protection of classified nuclear weapons information including access to and dissemination of Restricted Data, as mandated by Enclosure 5, DoDD 5210.2, "Access to and Dissemination of Restricted Data".
  - Continue as DoD Sigma 14/15 Approval Authority (Interface with DOE/NNSA).
  - Action Freedom of Information Act and Mandatory Declassification Requests.
  - As OSD sponsor, support the operations of the Joint Advisory Committee on Nuclear Weapons Surety (JAC).
  - Continue the development of a Physical security equipment RDT&E program that supports the protection of tactical and fixed nuclear weapons, DoD personnel and their facilities.
  - Continue the development of physical security equipment/systems that meet Services nuclear security requirements in the areas of Interior and Exterior Detection/Surveillance, Delay/Denial, Entry Control, Common Operating Picture, Tactical Systems and Airborne Intrusion.
  - Initiate physical security equipment RDT&E projects that support the nuclear security requirements articulated in the Nuclear Weapons Physical Security Master Plan.
- (U) Stockpile Performance and Survivability (\$0.747 million)
- Conduct life cycle activities in support of the nuclear weapons stockpile under DoDD 3150.1, "Nuclear Weapons Life Cycle" and DODI 5030.55, "DoD Procedures for Joint DoD-DOE Nuclear Weapons Life Cycle Activities
  - Continue to manage DoD RDT&E activities for nuclear warheads to include B61, W76, W78, W62, W80(0,1), W88 Weapons
  - Implement DoD policy, responsibilities, and procedures in DoDD 3150.3. "Nuclear Weapons Security and Survivability" to include the actions of the Nuclear Forces Security and Survivability Steering Group.

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Date: February 2006

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**0605161D8Z - Nuclear Matters - Physical Security**PROJECT  
**P161**

- Support follow-up actions of the Defense Science Board (DSB) Task Force on Clandestine Nuclear Attack and the Task Force on Nuclear Weapons Effects Simulators/Simulation.
- Continue to support the DoD executive agency role for nuclear detectors for the Department of Homeland Security.

(U) Nuclear Weapons Council (\$0.373 million)

- Manage the activities on the Congressionally mandated Joint DoD-DOE Nuclear Weapons Council and its support committees to include the Nuclear Weapons Council Standing and Safety Committee, the Compartmented Advisory Committee and the Action Officer group.
- Prepare, staff, and submit annual reports to the President and the Congress to include the FY 2006-2014 Nuclear Weapons Stockpile Memorandum and Requirements Planning Document, FY 2006 report on Stockpile Assessment, FY 2006 Joint Surety Report and the FY 2006 NWC Report to Congress.
- Conduct a week-long trip to several nuclear weapons complex sites for over sixty individuals within the nuclear weapons community including senior DoD/DOE officials.

(U) Stockpile Transformation and Infrastructure (\$0.747 million)

- Supports the conduct of the next nuclear posture review.
- Continue programs to assess the future of the nuclear weapon stockpile
- Continue to support follow-on actions of the DSB Task Force on Strategic Strike Skills. Support new Task Forces in this functional area.
- Continue to develop and implement a Nuclear Matters knowledge system to help preserve nuclear weapons information for operational improvements and continuity.

(U) Radiological and Nuclear Emergency Response (\$0.498 million)

- Conduct DoD oversight and provided direction for DoD preparations to train for response actions in the event of a nuclear weapon accident under DoDD 3150.8, "DoD Response to Radiological Accidents. Prepare and participate in exercise Diamond Knight, Dingo King and various interagency tabletop exercises.
- Participate in actions to update DoDD 3150.8, "DoD Response to Radiological Accidents"; DoD3150.8-M, Nuclear Accident Response Procedures" and DoDD 5110.63, "Security of Nuclear Reactors and Special Nuclear Material" to make them consistent with the National Response Plan.
- Maintain classified website to enhance coordination in the event of a nuclear weapon accident.
- Improve nuclear weapon accident planning through activities of the Nuclear Weapon Accident Response Steering Group.

(U) International Programs (\$0.124 million)

- Support and participated in NATO nuclear weapon policy and oversight groups to include the High Level Group (HLG) and the Joint Theatre Surety Management Group (JTSMG).
- Continue to implement DoDD 5030.14, "Disclosure of Atomic Information to Foreign Governments and Regional Defense Organizations."
- Continue to support and participate with the UK under 1957 Mutual Defense Agreement.
- Continue to support US-Russia Nuclear Warhead Safety and Security bilateral activities.
- Continued to support US-France Nuclear Warhead Safety and Security bilateral activities.

Accomplishment/Planned Program Title	FY 2005	FY 2006	FY 2007
Nuclear Matters	0.000	0.000	4.285

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APPROPRIATION/ BUDGET ACTIVITY RDT&E/ Defense Wide BA# 6	PE NUMBER AND TITLE <b>0605161D8Z - Nuclear Matters - Physical Security</b>	PROJECT <b>P161</b>

FY 2007 Plann:

- Conduct OSD oversight and provide directions for actions conducted under DoDD 3150.2, DoDD 3150.2-M, "DoD Nuclear Weapons Safety Program, DoDD 4540.5, "Transportation of Nuclear Weapons" and DoDI S-5210.82, "Protection of Nuclear Coding Equipment," DoDD 5210.41 and 5210.41-M, "Physical Security of Nuclear Weapons DoDD S-3150.7, "Controlling the Use of Nuclear Weapons", DoDD 3150.3, "Nuclear Forces Security & Surety" and "DoDD 5210.42, "Nuclear Weapons PRP."
- Initiate the updating and documentation of DoD nuclear weapon policy, responsibilities, and procedures in DoD publications.
- Continue to manage the protection of classified nuclear weapons information including access to and dissemination of Restricted Data, as mandated by Enclosure 5, DoDD 5210.2, "Access to and Dissemination of Restricted Data".
- Continue as DoD Sigma 14/15 Approval Authority (Interface with DOE/NNSA).
- Action Freedom of Information Act and Mandatory Declassification Requests.
- As OSD sponsor, support the operations of the Joint Advisory Committee on Nuclear Weapons Surety (JAC).
- Continue the development of a Physical security equipment RDT&E program that supports the protection of tactical and fixed nuclear weapons, DoD personnel and their facilities.
- Continue the development of physical security equipment/systems that meet Service's nuclear security requirements in the areas of Interior and Exterior Detection/Surveillance, Delay/Denial, Entry Control, Common Operating Picture, Tactical Systems and Airborne Intrusion.
- Continue physical security equipment RDT&E projects that support the nuclear security requirements articulated in the Nuclear Weapons Physical Security Master Plan.

(U) Stockpile Performance and Survivability (\$1.000 million)

- Conduct life cycle activities in support of the nuclear weapons stockpile under DoDD 3150.1, "Nuclear Weapons Life Cycle" and DODI 5030.55, "DoD Procedures for Joint DoD-DOE Nuclear Weapons Life Cycle Activities
- Continue to manage DoD RDT&E activities for nuclear warheads to include B61, W76, W78, W62, W80(0,1), W88 Weapons
- Implement DoD policy, responsibilities, and procedures in DoDD 3150.3, "Nuclear Weapons Security and Survivability" to include the actions of the Nuclear Forces Security and Survivability Steering Group.
- Continue to support the executive agency role of the DoD for nuclear detectors for the Department of Homeland Security.

(U) Nuclear Weapons Council (\$1.000 million)

- Manage the activities on the Congressionally mandated Joint DoD-DOE Nuclear Weapons Council and its support committees to include the Nuclear Weapons Council Standing and Safety Committee, the Compartmented Advisory Committee and the Action Officer group.
- Prepare, staff, and submit annual reports to the President and the Congress to include the FY 2006-2014 Nuclear Weapons Stockpile Memorandum and Requirements Planning Document, FY 2006 report on Stockpile Assessment, FY 2006 Joint Surety Report and the FY 2006 NWC Report to Congress
- Conduct a week-long trip to several nuclear weapons complex sites for over sixty individuals within the nuclear weapons community including senior DoD/DOE officials.

(U) Stockpile Transformation and Infrastructure (\$1.000 million)

- Support studies for warhead replacement.
- Continue programs to assess the future of the nuclear weapon stockpile
- Continue to develop and implement a Nuclear Matters knowledge system to help preserve nuclear weapons information for operational improvements and continuity.

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(U) Radiological and Nuclear Emergency Response (\$.500 million)

- Conduct DoD oversight and provided direction for DoD preparations to train for response actions in the event of a nuclear weapon accident under DoDD 3150.8, "DoD Response to Radiological Accidents. Prepare and participate in exercise Diligent Warrior 07 and various interagency exercises.
- Maintain classified website to enhance coordination in the event of a nuclear weapon accident.
- Improve nuclear weapon accident planning through activities of the Nuclear Weapon Accident Response Steering Group

(U) International Programs (\$0.500million)

- Support and participated in NATO nuclear weapon policy and oversight groups to include the High Level Group (HLG) and the Joint Theatre Surety Management Group (JTSMG)
- Continue to implement DoDD 5030.14, "Disclosure of Atomic Information to Foreign Governments and Regional Defense Organizations"
- Continue to support and participate with the UK under 1957 Mutual Defense Agreement
- Continue to support US-Russia Nuclear Warhead Safety and Security bilateral activities
- Continued to support US-France Nuclear Warhead Safety and Security bilateral activities

**C. Other Program Funding Summary:** Not Applicable.**D. Acquisition Strategy:** Not Applicable.**E. Major Performers** Not Applicable.

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