

<b>Exhibit R-2a, RDT&amp;E Project Justification</b>		Date: February 2004
<b>APPROPRIATION/BUDGET ACTIVITY</b>		<b>PROJECT NAME AND NUMBER:</b>
RDT&E, Defense-Wide/Applied Research - BA2	0602717BR	Project BG - Nuclear Operations

Cost (\$ in millions)	FY 2003	FY 2004	FY 2005
Combatant Commands/Forces/Security Support	7.4	5.7	7.1

**FY 2003 Accomplishments**

- Maintained U.S. European Command (EUCOM)/Supreme Headquarters Allied Powers Europe (SHAPE) European Theater Nuclear Support Program to provide in-theater nuclear and WMD support to EUCOM and North Atlantic Treaty Organization (NATO).
- Conducted the War Plans Support Program for the Combatant Commands
  - Objective was to respond to Combatant Commands requests to address counter-WMD challenges within theater war plans; to provide recommended executable solutions based upon detailed, integrated operational analyses with associated technical applications.
- Conducted support to STRATCOM and regional Combatant Commands with specific nuclear and WMD threat analysis in support of:
  - Single Integrated Operational Plan (SIOP) preparation
  - Development of integrated effects models
  - Direct planning support to regional Combatant Commands
  - Specified applications for the Deterrence Framework analytic structure.
- Executed the Strategic Deterrence Program to:
  - Support full range of nuclear and WMD Consequence Management Issues
  - Provide nuclear policy support and the assessment of the full range of nuclear/WMD issues for DoD components.
- Examined and evaluated the future impacts of technology on political/military/economical trends-focused on WMD/Consequence Management (CM)/Nuclear proliferation.
- Directly supported the curriculum development for the Defense Nuclear Weapons School. (Transitions to O&M funding in FY 2004.)
- Served as the DoD Executive Agent for nuclear weapons training and education. (Transition to O&M funding in FY 2004.)
- Initiated the development of a comprehensive WMD Training program. (Transitions to O&M funding in FY 2004.)
- Expanded and enhanced expertise outreach training program across DoD. (Transitions to O&M funding in FY 2004.)

**FY 2004 Plans**

- Maintain USEUCOM/Supreme Headquarters Allied Powers Europe (SHAPE) European Theater Nuclear Support Program to provide in-theater nuclear and WMD support to EUCOM and NATO.
- Refine and enhance the War Plans Support Program for the Combatant Commands
  - Objective is to respond to Combatant Commands requests to address counter-WMD challenges within theater war plans; to provide recommended executable solutions based upon detailed, integrated operational analyses with associated technical applications.
- Upgrade support to STRATCOM and regional Combatant Commands with specific nuclear and WMD threat analysis in support of:
  - Single Integrated Operational Plan (SIOP) preparation

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- Development of integrated effects models
- Direct planning support to regional Combatant Commands
- Specified applications for the Deterrence Framework analytic structure.
- Enhance execution of the Strategic Deterrence Program to:
  - Support full range of nuclear and WMD Consequence Management Issues
  - Provide nuclear policy support and the assessment of the full range of nuclear/WMD issues for DoD components.
- Continue to examine and evaluate the future impacts of technology on political/military/economical trends--focused on WMD/Consequence Management (CM)/Nuclear proliferation.

**FY 2005 Plans**

- Refocus USEUCOM/SHAPE European Theater Nuclear Support Program to provide in-theater nuclear and WMD support to EUCCOM and NATO and toward the war on terrorism.
- Improve War Plans Support Program for the Combatant Commands focusing on changes to theater and on the War on Terrorism.
  - Objective is to respond to Combatant Command requests to address counter-WMD challenges within theater war plans; particularly the war on terrorism, to provide recommended executable solutions based upon detailed, integrated operational analyses with associated technical applications.
- Improve support to STRATCOM, U.S. Northern Command (NORTHCOM) and regional Combatant Commands with specific nuclear and WMD threat analysis in support of:
  - Single Integrated Operations Plan (SIOP) preparation
  - Development of integrated effects models
  - Direct planning support to regional Combatant Commands
  - Specified applications for the Deterrence Framework analytic structure.
  - Transformational activities
- Execute and enhance the Strategic Deterrence Program to:
  - Support full range of nuclear and WMD Consequence Management Issues
  - Provide nuclear policy support and the assessment of the full range of nuclear/WMD issues for DoD components.
- Continue to examine and evaluate the future impacts of technology on political/military/economical trends--focused on WMD/Consequence Management (CM)/Nuclear proliferation with a focus on the world after the War on Terrorism

**C. Other Program Funding Summary: N/A**

**D. Acquisition Strategy: N/A**

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**E. Major Performers:** Approximately \$7M of FY 2003 funding has been obligated with Science Applications International Corporation with locations in California and Virginia and approximately \$7M of FY 2003 funding has been obligated with Northrop Grumman in Virginia. Funding obligated with these companies directly supported Project BG-Nuclear Operations