Unclassified Statement of

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Deputy Director, Missile Defense Agency

Before the

Senate Appropriations Committee

Subcommittee on Military Construction, Veterans Affairs, and Related Agencies

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Chairman Kirk, Ranking Member Tester, distinguished Members of the subcommittee, I appreciate this opportunity to testify before you today.

The Missile Defense Agency is developing and deploying defenses for our Nation, forward-deployed forces, allies, and international partners against increasingly capable ballistic missiles. The FY 2016 missile defense program will continue to support the warfighter and needs of the Combatant Commands with the development and deployment of interceptors, sensors, and the command, control, battle management and communications system for the integrated Ballistic Missile Defense System. Our program plan for FY 2016 will improve and expand homeland and regional missile defenses and invest in advanced technology development and future capabilities to counter the increasingly complex threat.

The Missile Defense Agency requests $169.15 million for military construction in FY 2016. MDA has five on-going military construction efforts supporting the deployment of Ballistic Missile Defense System assets.

Working with our Japanese partners, the second AN/TPY-2 radar at Kyogomisaki, Japan was delivered for operational use in December 2014. MilCon efforts culminated in February 2015 to complete the support facilities. Together with the Shariki AN/TPY-2 radar in the north, the new radar will enhance the ability to defend our forward deployed forces, Japan, and the U.S. homeland from ballistic missile attack by providing improved tracking coverage for launches out of North Korea.

Construction of the Ground Based Interceptor In-Flight Interceptor Communication System Data Terminal (IDT) complex at Fort Drum, New York is nearing completion and systems equipment is being installed and tested. The capability will give the United States an enhanced homeland defense capability. The east coast IDT will enable communication with GBIs launched from Fort Greely, Alaska and Vandenberg Air Force Base in California over longer distances and improve defenses for the eastern United States.

We completed the 100 percent design of the Missile Field #1 Mechanical Electrical Building at Fort Greely, Alaska. Construction is restarting this month after a winter hiatus. Construction of this High-altitude Electro-Magnetic Pulse (HEMP) and blast protected building includes upgrading of utility lines supporting the missile silos, enhanced protection of associated utilities, and the upgrading of security infrastructure to protect System Security Level-A assets. The project, which supports the emplacement of an additional 14 Ground Based Interceptors at Fort Greely to provide a more robust home defense capability, is on track for completion by May 2016.

In collaboration with the U.S. Air Force, we will continue missile defense upgrades of the Early Warning Radar in Clear, Alaska to enhance the homeland defense capability. Upgraded Early Warning Radars provide long-range early warning and precise threat missile tracking data to the Ballistic Missile Defense System. We expect to complete the Clear radar construction project in January 2016 and complete the radar equipment upgrades in 2017.

Finally, we are on track to complete the construction of the Aegis Ashore site in Deveselu, Romania as part of Phase 2 of the European Phased Adaptive Approach

(EPAA) in defense of our European NATO allies. Once the site is operational, it will include the upgraded Aegis Baseline 9 weapon system and will have the ability to launch both Standard Missile-3 Block IA and IB variants. The site will enhance a more robust regional ballistic missile defense against short- and medium-range ballistic missiles. Required military construction, installation, integration and testing activities will be complete for technical capability declaration in calendar year 2015. We are on track to turn over Aegis Ashore Romania to the Navy in August of this year.

Our FY 2016 military construction request supports the construction of the Aegis Ashore site in Poland. We will continue to support the defense of our deployed forces and NATO European allies through the construction of an Aegis Ashore Missile Defense System Complex in Redzikowo, Poland, which is part of EPAA Phase 3, and will be operational by the end of calendar year 2018. The Aegis Ashore complex will be equipped with the next version of the Baseline 9 Weapon System, including Ballistic Missile Defense (BMD) 5.1, and have the added capability to launch SM-3 Block IIAs. These upgrades will significantly increase our battle space to provide improved defensive coverage against medium- and intermediate-range threats. In coordination with EUCOM, we continue to have positive interactions with the Polish government regarding the land use implementing arrangement and spectrum approvals, and anticipate agreement to meet the construction timeline. Construction at Redzikowo is expected to begin in April 2016.

The Aegis Ashore deckhouse, which houses the weapon system, will be a duplication of the site in Romania. Design of the entire Aegis Ashore Missile Defense Complex is in the final stage of review and incorporates many lessons learned from

experiences in constructing similar facilities in Romania. For example, we developed better designs for placing the HEMP shielding and HEMP electrical enclosures, which will better protect the site. Following the Department's Better Buying Power 3.0 memo to achieve greater efficiency and productivity in defense spending, the Design-Bid-Build project will include firm fixed price with incentive fee to promote better project schedule formulation and increased oversight of subcontractors, especially foreign companies not well versed in the U.S. MilCon process. The U.S. Army Corps of Engineers is also implementing a more robust management team to oversee the technical complexity associated with the construction to support the Aegis Ashore weapon system. In addition, MDA is requesting full funding in FY 2016 to provide contract flexibility and full commitment of resources for on-time project delivery in Poland by the end of 2018.

Thank you, Mr. Chairman. I look forward to answering the committee's questions.