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B61 System FY 2012 June Monthly Report

Kip Wentz

ABSTRACT

These viewgraphs are to be provided to NNSA to update the status of the B61 legacy work and activities. The viewgraphs cover such issues as budget, schedule, scope, and the like. They are part of the monthly reporting process.

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B61 System

FY 2012 June Monthly Report

July 10, 2012

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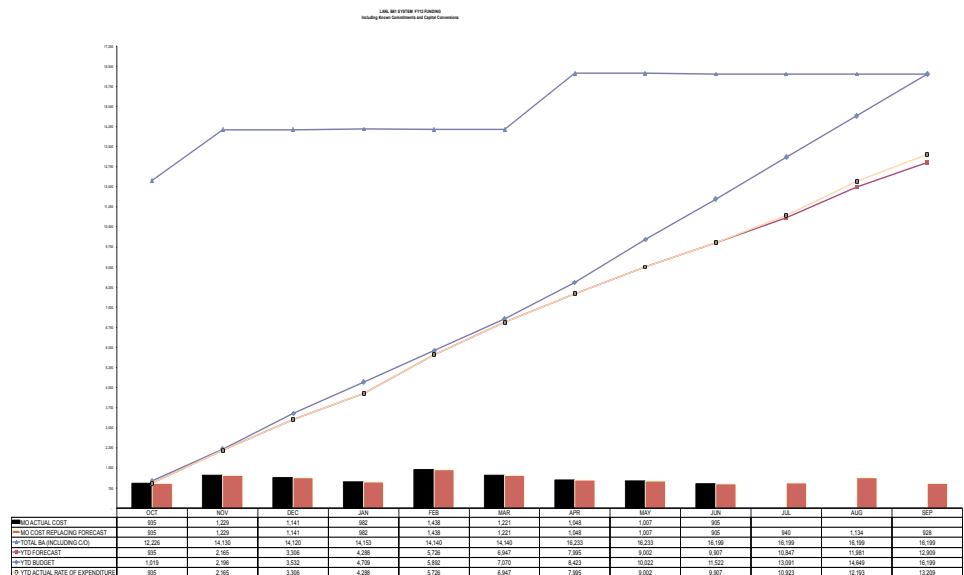
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LANL Program Status – May 2012



G	Issue /Concerns
G	JTA modernization funding was received the last week of April.
G	B61-7 Rebuild funding was received the last week of April.
G	MAR 1-11 Signed.
Y	LANL needs to carryover \$1M for NG hydro; LANL received only 65% of NG hydro hardware from Pantex
Y	Concern for FY13 funds. EPAT numbers significantly lower than February President's Budget.

G	Technical Performance (Status)
G	<p><u>IHE Material Characterization/Modeling Activities</u>: Mechanical Model requirements drafted; First gen. primary/center case kinetic model complete. Follow-on heavily-confined thermal tests completed.</p> <p><u>B61-7 Rebuild</u>: LANL supporting NESSG LOI. CSAs at Y-12 awaiting diamond stamping and shipment.</p> <p><u>JTA Modernization</u>: Conducted GTQU2 Test on 14 June using LANL hardware. Preparation ongoing for August BDR.</p>

G	Schedule (Deliverables)
G	Both SFI opening letters have been released, SFI kick-off meetings happening in July.

LANL Program Status – May 2012

G	L2 Milestone (Status)
G	<p>4138 – JTA Modernization All JTA Modernization activities on track.</p> <ul style="list-style-type: none"> █ Perform JTA Modernization deliverables IAW PCD—All hardware needs for five test units are complete. GTQU2 successfully executed in June. █ Conduct Systems level JTA Modernization peer review upon the completion of GTQU-1—Completed March 2012. █ Conduct a System level JTA Modernization Baseline Design Review by 4QTR FY12—Scheduled for 30 Aug 2012.
G	<p>4140 – Complete B61 Weapon Maintenance Activities for FY2012 IAW Directive Documents. All work on track.</p>
G	<p>4141 – Complete B61 Weapon Surveillance Activities for FY2012 IAW Directive Documents All weapon surveillance activities on track.</p> <ul style="list-style-type: none"> █ Completed – Delivered components to Pantex for 911 and 913 Flight tests. █ Completed - 7 D&Is using the Power-Free Gas Sampler for flight testing B61 Systems. █ Completed – Mod7 Rebuild Project plan.
G	<p>4207 – Issue the Annual Assessment Report (AAR) and Director's Annual Assessment letter for the B61. SAGSAT Briefs completed. AAR Final Draft has been sent out for comment.</p>
G	<p>4210 – Identify and complete continuous activities necessary for supporting current/future assessments for the B61. All work on schedule.</p> <ul style="list-style-type: none"> █ Completed L3 Milestone: Provided NEP surveillance information for FY 2014 cycle work.