



## 12 GeV Upgrade VARIANCE ANALYSIS REPORT

**WBS: 1.4.2.7.8 - Construction Hall B Magnet New Vendor Solenoid Magnet Design/Parts**  
**Control Account Manager: L. Elouadrhiri**  
**For Period Ending: Aug 13**

12 GeV 1.4.2.7.8	SCHEDULE FLAG				COST FLAG			
	(A)	(B)	(B-A)	(B/A)	(C)	(D)	(C-D)	(C/D)
	Planned Value	Earned Value	Schedule Variance	Schedule Perform Index	Earned Value	Actual Cost	Cost Variance	Cost Perform Index
	BCWS	BCWP	SV	SPI	BCWP	ACWP	CV	CPI
Values are in \$K Dollars (other than SPI & CPI)								
Month of Aug-13	0	0	0	No PV	0	47	-47	0.00
Cumulative	0	0	0	No PV	0	103	-103	0.00

**Yellow Flag: Index <.9 / >1.1 OR Variance > \$25K**  
**Red Flag: Index <.8 / >1.2 AND Variance > \$50K**

### 1. Cause (Address Variances Individually)

**CV:** The cumulative cost variance for this WBS is -\$103K. This new WBS is a result of new plan to carry on the design support work of the contract of the solenoid construction at ETI. This is the work that is carried on by our engineers and designer as well as the BNL group to analyze and check submissions by the solenoid vendor.

### 2. Proposed Solutions (Corrective Actions)

**CV:** This work is going according to the new rebaseline plan but is not covered in the present baseline. Thus there is no BCWS and no task on which to claim progress.

Estimated Resolution By (Date):

### 3. Impact on Project Cost/ Schedules:

		Cost Variance Projection					
	CVcum (K)	Sep	Oct	Nov	Dec	Jan	Feb
Recoverable	\$						
Unrecoverable	\$ -103	-103	-130	-160	-190	-220	-250
Error	\$						

### 4. Comments:

**Control Account Manager:**

Latifa Elouadrhiri

**Project Manager:**

G. R. Young

D. Miner for C. Rode