



## 12 GeV Upgrade VARIANCE ANALYSIS REPORT

**WBS: 1.4.2.6 - Construction Hall B Infrastructure**

**Control Account Manager: L. Elouadrhiri**

**For Period Ending: Aug 13**

12 GeV 1.4.2.6	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
Month of Aug-13	55	59	4	1.08	59	46	14	1.30
Cumulative	1233	902	-331	0.73	902	1019	-117	0.89

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

**1. Cause (Address Variances Individually)**

**SV:** This is due to the late contract for the installation of the Forward Carriage, plus Procurement for the installation tooling of the forward detector.

**2. Proposed Solutions (Corrective Actions)**

**SV:** All the parts of the forward carriage have been received. The installation now underway will be completed by the second week of September.

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

Schedule Variance Projection					
Sep	Oct	Nov	Dec	Jan	Feb
-335	-335	-335	-330	-330	-330

**4. Comments:**

**Control Account Manager:**  
Latifa Elouadrhiri

**Project Manager:**  
G. R. Young  
D. Miner for C. Rode

Aug	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
<b>12 GeV 1.4.2.6.1</b>								
Month of Aug-13	0	0	0	No PV	0	0	0	No AC
Cumulative	0	0	0	No PV	0	10	-10	0.00
<b>12 GeV 1.4.2.6.2</b>								
Month of Aug-13	0	0	0	No PV	0	0	0	No AC
Cumulative	0	0	0	No PV	0	0	0	No AC
<b>12 GeV 1.4.2.6.3</b>								
Month of Aug-13	0	0	0	No PV	0	0	0	No AC
Cumulative	0	0	0	No PV	0	0	0	0.00
<b>12 GeV 1.4.2.6.4</b>								
Month of Aug-13	55	59	4	1.08	59	46	14	1.30
Cumulative	1233	902	-331	0.73	902	1009	-107	0.89