

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT FORMAT 5 - EXPLANATIONS AND PROBLEM ANALYSES								FORM APPROVED OMB No. 0704-0188	
1. CONTRACTOR		2. CONTRACT			3. PROGRAM			4. REPORT PERIOD	
a. NAME Fermi National Accelerator Laboratory		a. NAME			a. NAME NOvA project			a. FROM (YYYYMMDD) 2009/01/01	
b. LOCATION (Address and ZIP Code) Batavia, Illinois		b. NUMBER			b. PHASE			b. TO (YYYYMMDD) 2009/01/31	
		c. TYPE	d. SHARE RATIO		c. EVMS ACCEPTANCE (YYYYMMDD) NO X YES				
1.1 Site and Building R&D									
	BCWS	BCWP	ACWP	SV in \$	SV in %	CV in \$	CV %	SPI	CPI
Current:	71,115	0	132,813	-71,115	-100%	-132,813	-100%	0.00	0.00
Cumulative:	2,274,519	2,274,519	1,626,249	0	0%	648,270	29%	1.00	1.40
	BAC	EAC	VAC in \$	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	2,274,519	1,626,249	648,270	29%	0.00	0.00			
Thresholds Exceeded: Current Period Schedule, Current Period Cost, Cumulative Cost									
Explanation of Variance/Description of Problem:									
<p>The Current Period has a Cost Variance (CV) in \$ of -132,813 . The root cause of this variance is the execution of the work in a manner not anticipated when the performance measurement baseline was developed. The acceleration of work scheduled to begin in February 2009 was begun in November 2008 to advance the schedule of this critical path activity and has resulted in the cost variances noted. In addition, in December 2008, it became apparent that the some costs associated with the FESS/Engineering effort for the Site Prep Package (2.1.1) and Far Detector Building (2.1.2) had been misapplied to this control account. This error continued in January 2009.</p> <p>The Current Period has a Schedule Variance (SV) in \$ of -\$71,115. The root cause of this variance is the execution of the work in a manner not anticipated when the performance measurement baseline was developed. The acceleration of work scheduled for February 2009 to November 2008 was done to advance the schedule of this critical path activity which has resulted in the schedule variance noted.</p> <p>The Cumulative Cost Variance (CV) in \$ is 648,270 which indicates that the cumulative work scheduled to date has been accomplished for a cost less than estimated in the performance management baseline. This is due to a refinement of the work scope and a design cost from the architectural/engineering firm (Burns and McDonnell) less than anticipated. The costs associated with the misapplied FESS/Engineering efforts have also impacted the cumulative cost variance.</p>									
Impact:									
The actual costs for this control account are expected to remain less than the scheduled cost. This control account is expected to be complete in Febraury 2009 and the noted variances will remain.									
Corrective Action:									
The Control Account Manager will work with the NOvA Project Controls to reverse the charges associated with the misapplied FESS/Engineering effort with a completion date anticipated in March 2009									
Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):									
Advancing the schedule of this critical path activity and a better understanding of requirements has resulted in cost and schedule variances for this control account. In addition, misapplied FESS/Engineering effort has affected the cost reporting. These variances are expected to remain until this task is complete in February 2009.									
Prepared by:				Date:		Approved by:		Date:	
S. Dixon				3/6/2009					