

**CLASSIFICATION (When Filled In)**

CONTRACT PERFORMANCE REPORT FORMAT 5 - EXPLANATIONS AND PROBLEM ANALYSES								FORM APPROVED OMB No. 0704-0188	
<b>1. CONTRACTOR</b>		<b>2. CONTRACT</b>			<b>3. PROGRAM</b>			<b>4. REPORT PERIOD</b>	
a. NAME Fermi National Accelerator		a. NAME			a. NAME NOvA Project			a. FROM (YYYYMMDD) 2008/12/01	
b. LOCATION (Address and City) Batavia, Illinois		b. NUMBER			b. PHASE			b. TO (YYYYMMDD) 2008/12/31	
		c. TYPE	d. SHARE RATIO		c. EVMS ACCEPTANCE (YYYYMMDD) NO X YES				
<b>1.0.2 MI Upgrades</b>									
	BCWS	BCWP	ACWP	SV in \$	SV in %	CV in \$	CV %	SPI	CPI
Current:	0	5,623	6,623	5,623	100%	-1,000	-18%	N/A	0.85
Cumulative	65,510	79,054	124,006	13,545	21%	-44,952	-57%	1.21	0.64
	BAC	EAC	VAC in \$	VAC in %	CPI to BAC	CPI to EAC			
At Complete	1,037,303	1,087,696	-50,392	-5%	1.05	0.99			
Thresholds Exceeded: Current Period Schedule, Current Period Cost, Cumulative Cost									
Explanation of Variance/Description of Problem:									
<p>The schedule variance is explained by the early start of work due to available funds and resources. The cost variance is larger than the one indicated here because of errors in effort reporting. There are 20 hrs of effort that were not reported and 4 hours that were wrongly reported to this code. The cause of the negative variance is the M@S cost charged to one of the tasks this month corresponding to 45% of the total cost. Since this M@S cost was charged by the machine shop at Fermilab the charges were recorded before we received the parts, so we earned no value. The cumulative cost variance is still dominated by the incorrect effort reporting during the last fiscal year.</p>									
Impact:									
There is no technical impact. The cost impact will be corrected in the near future.									
Corrective Action:									
The appropriate people were notified in order to make the changes to the Fermilab accounting system to correctly reflect people's effort. The involved persons were again reminded to report their efforts correctly.									
Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):									
No technical cause for all variances. The current negative cost variance is attributed to a large M@S cost charged in one of the tasks before us seeing the change in the earned value. There were still errors in effort reporting that were corrected. The involved persons were reminded again to record their effort to the appropriate codes.									
Prepared by: I. Kourbanis				Date: 2/10/2009		Approved by:		Date:	