

**CLASSIFICATION (When Filled In)**

CONTRACT PERFORMANCE REPORT							FORM APPROVED		
FORMAT 5 - EXPLANATIONS AND PROBLEM ANALYSES							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 Labora		a. NAME			a. NAME NOvA Project		a. FROM (YYYYMMDD) 2008/12/01		
b. LOCATION (Address and ZIP 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>1.0.1 RR Upgrades</b>									
	BCWS	BCWP	ACWP	SV in \$	SV in %	CV in \$	CV %	SPI	CPI
Current:	11,282	8,716	4,469	-2,566	-23%	4,247	49%	0.77	1.95
Cumulative:	856,827	1,033,145	1,003,951	176,319	21%	29,195	3%	1.21	1.03
	BAC	EAC	VAC in \$	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	5,180,968	5,133,451	47,517	1%	0.99	1.00			
Thresholds Exceeded: Current Period Schedule, Current Period Cost									
Explanation of Variance/Description of Problem:									
As noted in the October Variance report, the design task of the new permanent magnet dipole (WBS 1.0.1.1.2.1.8), had a large positive variance due to labor and purchasing changes in the plan. In December, we see the first negative variance associated with the change. These will be present until final delivery of the magnet. Additional variance from incorrect effort reporting (on 2.0.1.1 instead of 1.0.1.1) is also noted and understood. Cumulative variance is positive due to starting earlier than baseline date.									
Impact:									
For current, minimal and balanced by positive variance in earlier months. For cumulative, positive as the schedule has been moved forward.									
Corrective Action:									
Emphasis given on reporting to correct task codes.									
Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):									
Current negative SPI balanced (and anticipated) by positive SPI in October due to change in plan. Impacts are minimal and understood. Schedule has been moved forward.									
Prepared by: Paul Derwent			Date: 2-Feb-09		Approved by:		Date:		