

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT								FORM APPROVED	
FORMAT 5 - EXPLANATIONS AND PROBLEM ANALYSES								OMB No. 0704-0188	
1. CONTRACTOR		2. CONTRACT			3. PROGRAM			4. REPORT PERIOD	
a. NAME Fermi National Accelerator Laborat		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				
1.2 Liquid Scintillator R&D									
	BCWS	BCWP	ACWP	SV in \$	SV in %	CV in \$	CV %	SPI	CPI
Current:	8,436	8,436	2,441	0	0%	5,994	71%	1.00	3.46
Cumulative:	243,482	243,507	200,578	25	0%	42,929	18%	1.00	1.21
	BAC	EAC	VAC in \$	VAC in %	CPI to BAC	CPI to EAC			
At Complete:	271,245	228,341	42,904	16%	0.39	1.00			
Thresholds Exceeded: Current Period Cost									
Explanation of Variance/Description of Problem:									
<p>There are two budgeted costs for the current period: (1) Production Blending Development, scheduled for Dec08, which represents approximately 80 hours of work; and (2) lease costs for the ISO tanks at Fermilab, payments which are evenly spread over the fiscal year in the schedule, although they are paid out quarterly. The cost variance is due to two causes: (1) was not charged because there was no Indiana University SOW in place for the work and no purchase order from Fermilab to IU; (2) had no costs paid out in Dec.08. The \$2,441 of ACWP come from remaining Production Blending Development funding in FY08.</p>									
Impact:									
<p>There is no cost impact to (1) because the scintillator development work was performed with FY08 R&D funds. There is no cost impact to (2) because the lease charges will be made quarterly.</p>									
Corrective Action:									
<p>The IU SOW is now in place and the production blending development task is now being performed. The lease charges will be paid on time. No corrective actions needed.</p>									
Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):									
<p>No technical cause of the VAR, no corrective action required. The Cumulative CPI is within variance limits.</p>									
Prepared by: Stuart Mufson				Date: 2/16/2009		Approved by:		Date:	