CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT
FORMAT 5 - Explanations and Problem Analysis

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT		3. PROGRAM		4. REPORT PERIOD
a. NAME	a. NAME		a. NAME		a. FROM (YYYYMMDD)
Princeton University-Plasma Physics Lab	DOE-SC-OFES-NSTX Upgrade		NSTX Upgrade Project		2013 / 09 / 01
b. LOCATION (Address and ZIP Code)	b. NUMBER		b. PHASE		b. TO (YYYYMMDD)
Princeton, New Jersey	DE-AC02-09CH11466		CD-3		2013 / 09 / 30
	c. TYPE	d. SHARE RATIO	c. EVMS ACCEPTANCE		
	M&O		No X Yes	(YYYYMMDI 2011 / 12 / 20	

5. Evaluation

3300 Bakeout System Mods CSU (Raki)

	Budget	Earned	Actuals	SV in $	SV in %	CV in $	CV in %	SPI	CPI
Current:	0	27	24	27	-	2	9%	-	1.09
Cumulative:	5	81	74	77	1610%	7	9%	17.10	1.10
	BAC	EAC	VAC in $	VAC in %	TCPI to BAC	TCPI to EAC			
At Complete:	160	153	7	4%	1.03	-			

Explanation of Variance/Description of Problem:
The bakeout power supply was budgeted for $50K; however, the supply was procured for $33K yielding a significant savings and leading to a positive cost variance. Additionally, the procurement of the power supply was completed long before it was scheduled leading to a positive schedule variance. An increase in the current EAC is shown which addresses a change to the Power Supplies to ensure that they can be placed close enough to the machine. The budget information etc. is being formulated at this time.

Impact:
No impact other than the cost savings to the project.

Corrective Action:
No corrective action required at this time for this positive variance. The schedule variance will self-correct.

Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):
Bake out supply has been procured well below the budgeted cost and ahead of schedule leading to a positive cost and schedule variance.

Prepared by: S. Ramakrishnan Digitally signed by S. Ramakrishnan DN: cn=S. Ramakrishnan, o, ou, email=raki@princeton.edu, c=US Date: 2013.10.18 11:56:46 -04'00' **Date:**

Approved by: Ron Strykowsky Digitally signed by Ron Strykowsky DN: cn=Ron Strykowsky, o, ou=PPPL, email=rstrykow@pppl.gov, c=US Date: 2013.10.25 10:38:41 -04'00' **Date:**