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 Princeton University-Plasma Physics Lab	a. NAME DOE-SC-OFES-NSTX Upgrade		a. NAME NSTX Upgrade Project		a. FROM (YYYYMMDD) 2014 / 05 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3		b. TO (YYYYMMDD) 2014 / 05 / 31
	c. TYPE M&O	d. SHARE RATIO	c. EVMS ACCEPTANCE No X Yes (YYYYMMDD) 2011 / 12 / 20		

5. Evaluation

3400 Gas Delivery System Mods (Blanchard)

	Budget	Earned	Actuals	SV in $	SV in %	CV in $	CV in %	SPI	CPI
Current:	0	0	0	0	-	0	-	-	-
Cumulative:	102	58	83	-44	**-43%**	-25	**-43%**	0.57	0.70

	BAC	EAC	VAC in $	VAC in %	TCPI to BAC	TCPI to EAC
At Complete:	102	127	-25	**-24%**	0.26	2.22

Explanation of Variance/Description of Problem:
Two tasks in Control Account 3400 are driving this schedule variance. 1) Machine installation of the gas delivery system 2) PTP testing/programming of gas delivery system. These tasks cannot be completed until the centerstack has been installed. Note: Some portion of the installation can be completed after the tiles are installed on the Center Stack. A small cost variance exists which should improve with the completion of the final two tasks.

Impact:
No impact on NSTXU critical path.

Corrective Action:
None required as the schedule variance will self-correct and tasks are not on critical path. The cost variance should improve during performance of the final two activities.

Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):
Installation and testing tasks for the Gas Delivery System cannot be started before the CS is installed which is driving a negative schedule variance. A small cost variance exists as well.

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