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 / 01 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3	b. TO (YYYYMMDD) 2014 / 01 / 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	4	0	-	**-4**	-	-	0.00
Cumulative:	102	56	79	-46	**-45%**	-23	**-41%**	0.55	0.71
	BAC	**EAC**	**VAC in $**	**VAC in %**	**TCPI to BAC**	**TCPI to EAC**			
At Complete:	102	125	-22	**-22%**	0.27	1.94			

Explanation of Variance/Description of Problem:
Two tasks in Control Account 3400 are driving this 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.

Impact:
No impact on NSTXU critical path.

Corrective Action:
None required as the variance will self-correct and tasks are not on critical path.

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.

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