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) 2013 / 04 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3	b. TO (YYYYMMDD) 2013 / 04 / 30
	c. TYPE M&O	d. SHARE RATIO	c. EVMS ACCEPTANCE No X Yes (YYYYMMDI 2011 / 12 / 20	

5. Evaluation

1.1 / 1300 Center Stack

	Budget	Earned	Actuals	SV in $	SV in %	CV in $	CV in %	SPI	CPI
Current:	87	86	155	-1	-1%	-69	-80%	0.99	0.56
Cumulative:	1,376	1,376	1,707	0	0%	-331	-24%	1.00	0.81
	BAC	**EAC**	**VAC in $**	**VAC in %**	**TCPI to BAC**	**TCPI to EAC**			
At Complete:	1,884	2,772	-888	-47%	2.87	0.48			

Explanation of Variance/Description of Problem:
Control Account 1300 is one of the drivers for the WBS 1.1 cost variance. Currently there are four tasks in progress and two of them are not budgeted at a high enough level to support the required activities. Task 1300-0012 and task 1300-2020 for Engineering Support (Mardenfeld, Zatz, Raftopoulos) and Assembly drawings and design support (Level III) respectively are the affected activities. An ECP has been issued to address this problem; however, in March/April 2013 the hours increased again and the negative variance increased as well.

Impact:
Currently cost overruns as a result of the underbudgeting of two activites have led to a cost variance.

Corrective Action:
Recovery of the variance is not feasible; however, continued efforts to stop the increase of the variance will be pursued.

Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):
Under-budgeting on two activities have led to cost variances in this control account which is in turn driving the WBS 1.1 cost variance.

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