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 / 05 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3		b. TO (YYYYMMDD) 2013 / 05 / 31
	c. TYPE M&O	d. SHARE RATIO	c. EVMS ACCEPTANCE No X Yes (YYYYMMDD 2011 / 12 / 20		

5. Evaluation

1.1 / 1300 Center Stack

	Budget	Earned	Actuals	SV in $	SV in %	CV in $	CV in %	SPI	CPI
Current:	152	152	148	0	0%	4	2%	1.00	1.03
Cumulative:	1,593	1,593	1,855	0	0%	-262	-16%	1.00	0.86
	BAC	**EAC**	**VAC in $**	**VAC in %**	**TCPI to BAC**	**TCPI to EAC**			
At Complete:	2,272	2,534	-262	-12%	1.63	1.00			

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 were 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. ECP's submitted recently have flattened the cumulative negative cost variance.

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. The most recent ECP appears to have flattened the cost variance.

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.

Prepared by: **Date:** **Approved by:** **Date:**