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 / 02 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3					b. TO (YYYYMMDD) 2014 / 02 / 28
	c. TYPE M&O	d. SHARE RATIO	c. EVMS ACCEPTANCE	No	X	Yes	YYYYMMDD 2011 / 12 / 20	

5. Evaluation

5200 DCPS (Hatcher)

	Budget	Earned	Actuals	SV in $	SV in %	CV in $	CV in %	SPI	CPI
Current:	51	122	134	71	141%	-12	-10%	2.41	0.91
Cumulative:	2,403	2,089	3,023	-314	-13%	-935	-45%	0.87	0.69
	BAC	EAC	VAC in $	VAC in %	TCPI to BAC	TCPI to EAC			
At Complete:	2,406	3,756	-1,350	-56%	0.18	-			

Explanation of Variance/Description of Problem:
The tasks of the hardware interface are behind schedule with a forecast fiinish date of June. Other task, like testing, are tied to completion of the interface. Management is attempting to expedite completion of the hardware interface tasks. Completion of the software task is tied to getting the heartbeat monitoring which is taking longer than anticipated. Algorithm verification is stalled until testing resumes.

Impact:
Schedule delays necesitate development of a two phase test plan which allows for some testing now with the balance to be completed once the interface is complete.

Corrective Action:
Management has stated that the interface hardware tasks be given hgh priority

Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):
Delays in the design and implementation of the hardware interface cause delays throughout the project. Resources are being refocused to ensure the interface schedule does not slip any further.

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