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) 2012 / 06 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3	b. TO (YYYYMMDD) 2012 / 06 / 30
	c. TYPE M&O	d. SHARE RATIO	c. EVMS ACCEPTANCE No X Yes (YYYYMMDI 2011 / 12 / 20	

5. Evaluation

1.1 / 1306 Inner PF Coils

	Budget	Earned	Actuals	SV in $	SV in %	CV in $	CV in %	SPI	CPI
Current:	0	0	5	0	-	-5	-	-	0.00
Cumulative:	404	265	393	-138	-34%	-128	-48%	0.66	0.67
	BAC	**EAC**	**VAC in $**	**VAC in %**	**TCPI to BAC**	**TCPI to EAC**			
At Complete:	669	796	-127	-19%	1.46	1.00			

Explanation of Variance/Description of Problem:
Cost and schedule over runs are due to significant redesign of all (3) PF coil structures baced on the latest analyais reports. This required additional Cad Design time.

Impact:
None- coils are not to be procured until FY13.

Corrective Action:
Redesigns have been completed and drawings are being reviewed for final signoff.

Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):
Due to the latest analysis reports, the support structures that surrounds and supports the Inner PF coils had to be redesigned. This involved a significant amoount of cad designer time and efforts. The drawing have been finalized and are ready for approval. No impact on schedule since these coils are ot scheduled to be procured until FY13.

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