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 / 04 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3	b. TO (YYYYMMDD) 2014 / 04 / 30
	c. TYPE M&O	d. SHARE RATIO	c. EVMS ACCEPTANCE No X Yes (YYYYMMDD) 2011 / 12 / 20	

5. Evaluation

5000 CSU Power Systems (Raki)

	Budget	Earned	Actuals	SV in $	SV in %	CV in $	CV in %	SPI	CPI
Current:	112	215	83	103	92%	132	61%	1.92	2.58
Cumulative:	5,638	4,575	3,335	-1,063	-19%	1,239	27%	0.81	1.37
	BAC	EAC	VAC in $	VAC in %	TCPI to BAC	TCPI to EAC			
At Complete:	5,735	4,657	1,078	19%	0.23	0.62			

Explanation of Variance/Description of Problem:
A negative schedule variance exists in Control Account 5000 due the late start on several activities. The SV is inflated since there is a projected cost savings on these tasks because of improved design and effective execution

Impact:
None

Corrective Action:
The jobs have all started and are in progress. We will be ready by the end of July 2014 to start the PTP testing activities.

Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):
Control Account 5000 has a negative schedule variance due to the late start (with respect to the baseline) of several activities. We have completed all the jobs except the HCS/PLC conversion and some protection related tasks.

Prepared by: S. Ramakrishnan Digitally signed by S. Ramakrishnan DN: cn=S. Ramakrishnan, o, ou, email=raki@princeton.edu, c=US Date: 2014.05.28 14:34:16 -04'00' **Date:**

Approved by: Ron Strykowsky Digitally signed by Ron Strykowsky DN: cn=Ron Strykowsky, o, ou=PPPL, email=rstrykow@pppl.gov, c=US Date: 2014.05.28 15:28:56 -04'00' **Date:**