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 / 11 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	**b. NUMBER** DE-AC02-09CH11466		**b. PHASE** CD-3	**b. TO (YYYYMMDD)** 2013 / 11 / 30
	c. TYPE M&O	**d. SHARE RATIO**	**c. EVMS ACCEPTANCE** **No** **X** **Yes** **(YYYYMMDI** 2011 / 12 / 20	

5. Evaluation

5501 Coil Bus Runs (Atnafu)

	Budget	**Earned**	**Actuals**	**SV in $**	**SV in %**	**CV in $**	**CV in %**	**SPI**	**CPI**
Current:	83	185	90	102	123%	95	52%	2.23	2.06
Cumulative:	1,278	1,110	968	-168	-13%	141	13%	0.87	1.15
	BAC	**EAC**	**VAC in $**	**VAC in %**	**TCPI to BAC**	**TCPI to EAC**			
At Complete:	2,051	1,909	142	7%	0.45	3.03			

Explanation of Variance/Description of Problem:
Design and analysis took more time than planned. Procurement time was also longer than expected. The existing activity relationship is being to provide a realistic forecast.

Impact:
Currently we have a negative schedule variance and this control account is close to the critical path.

Corrective Action:
Design, analysis and procurement of copper materials are complete. Tech shop is commited to fabrication. Installation Work Package is prepared to speed up the field fitting and installation process. The forecast plan is being reviewed to execute activities in a parallel pattern.

Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):
Design, analyis and procurement activities took longer than expected have led to a negative schedule variance. Some re-arrangement of schedule activities should yield some additional float.

Prepared by: Neway D. Atnafu
Digitally signed by Neway D. Atnafu
DN: cn=Neway D. Atnafu, o, ou, email=natnafu@pppl.gov, c=US
Date: 2013.12.09 08:26:21 -05'00'

Date:

Approved by: Ron Strykowsky
Digitally signed by Ron Strykowsky
DN: cn=Ron Strykowsky, o, ou=PPPL, email=rstrykow@pppl.gov, c=US
Date: 2013.12.16 08:25:38 -05'00'

Date: