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

5. Evaluation

1.3 / 3200 Water CoolingSystem Mods

	Budget	Earned	Actuals	SV in $	SV in %	CV in $	CV in %	SPI	CPI
Current:	0	0	0	0	-	0	-	-	0.00
Cumulative:	74	68	38	-6	-8%	31	45%	0.92	1.81
	BAC	**EAC**	**VAC in $**	**VAC in %**	**TCPI to BAC**	**TCPI to EAC**			
At Complete:	195	165	31	16%	0.81	1.00			

Explanation of Variance/Description of Problem:
Positive cost variance due the fact that the original design assumed replacement of water pumps; however, pump replacement was not necessary which led to less time being required for design.

Impact:
Other than the cost savings to the project there are no impacts.

Corrective Action:
No corrective action required at this time.

Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):
A positive cost variance has been realized due to savings in system design. There are no corrective actions required at this time.

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: 2012.10.16 11:21:07 -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: 2012.10.24 08:15:14 -04'00' **Date:**