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 / 04 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3		b. TO (YYYYMMDD) 2012 / 04 / 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
Cumulative:	74	68	38	-6	-8%	30	45%	0.92	1.81

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.

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Approved by: **Date:** 5/24/2012