Program:NSTXU Batch Report:01CPR50

		CONTRA	CT PERF	DRMANCE	REPORT			FORM APPR	ROVED		
									OMB No. 0704-0188		
1. CONTRACTOR 2. CONTRACT					3. PROGRAM			4. REPORT	PERIOD		
a. NAME		a. NAME			a. NAME			a. FROM (Y	YYYMMDD)		
Princeton Universit	y-Plasma Phys	DOE-SC-OF	ES-NSTX Upg	grade	NSTX Upgrade	Project		2011/11/01			
b. LOCATION (Ad	Idress and ZII	b. NUMBER	L		b. PHASE						
Princeton, New Jer	sey	DE-AC02-09	CH11466		CD-2			b. TO (YYYYMMDD)			
		c. TYPE	E d. SHARE RATIO		c. EVMS ACC	EPTANCE	(YYYYMMDD	D 2011/11/30			
	M&O NO X YES										
2475 2nd NBI	Controls (C	ropper)			_			•			
	BCWS	BCWP	ACWP	SV in \$	SV in %	CV in \$	CV %	SPI	CPI		
Cumulative:	248	494	472	2 246	99%	2	23 5%	1.99		1.05	
Thresholds Ex			Schedule	-		•					
Impact: Jop will comple Corrective Action		f baseline s	chedule.								
none.	Jii.					/	7				
Monthly Summ Variance will be				·	ŕ						
Prepared by:	2 3230.04			Date:	Approved by	/ <u> </u>		Date:			
Mark B.	Croppe	Digitally signed by DN: cn=Mark B. Cro ou=NSTX Neutral B Date: 2011.12.16 1:	opper, o=Princeton Plass leam, email=mcropper@		, tpproved by		12/20/	2011			

Batch Report:01CPR5O Program:NSTXU

		CONTRA	CT PERFO	ORMANCE	REPORT			FORM APPR	OVED		
	FC	RMAT 5 - EX	PLANATIONS	S AND PROBI	LEM ANALYSES	i		OMB No. 070)4-0188		
1. CONTRACTOR		2. CONTRACT			3. PROGRAM	3. PROGRAM			4. REPORT PERIOD		
a. NAME		a. NAME			a. NAME	a. NAME			a. FROM (YYYYMMDD)		
Princeton University	y-Plasma Phys	DOE-SC-OFE	S-NSTX Upg	grade	NSTX Upgrade	Project		2011/11/01			
b. LOCATION (Ad	dress and ZIF	IFb. NUMBER			b. PHASE						
Princeton, New Jers	sey	DE-AC02-090	CH11466		CD-2			b. TO (YYYYMMDD)			
		c. TYPE d. SHARE RATIO		c. EVMS ACC	EPTANCE	(YYYYMMDD	2011/11/30				
		M&O			ио х	YES					
2490 NTC Equi	ipment Rel	ocations (F	erry)		•						
	BCWS	BCWP	ACWP	SV in \$	SV in %	CV in \$	CV %	SPI	CPI		
Cumulative:	397	915	691	518	131%	22	4 24%	2.31	1.3		
Thresholds Ex	ceeded: C	ımulative S	Schedule	-		-	_	•	_		
Explanation of \	Variance/De	scription of	Problem:								
Removals are b				rate while t	he field crews	wait for the	new coil supi	ports to be	designed and		
fabricated.	omig pomon	inou at an a		1410 111110 1		want for the	mon con cap		acoignou and		
labiloatoa.											
Impact:											
Increased schd	lule continge	ency for field	d work.								
Corrective Action	on:	"									
None required.											
							4				
Monthly Summa	ary (to inclu	do toobnico	Loguege of	WADe Imp	eate) and Col	rootivo Actio	n/d\.				
Removals are b								porto to bo	decianed and		
	• •					и	11 1 ''		•		
fabricated. No	corrective a	ction is requ	uirea since	uns wiii jus	i increase the	scriedularic	υφπιμιgency ι	or the field	work.		
				_			<u> </u>				
Prepared by:				Date:	Approved b	y: / , \	X	Date:			
	Erik Pe	erry		12/19/201	1	SA-1 X	7	1			
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Program:NSTXU Batch Report:01CPR5O

		CONTR	ACT PERF	ORMANCE R	EPORT			FORM APPR	OVED	
	S AND PROBLE	M ANALYSES			OMB No. 0704-0188					
1. CONTRACTOR		2. CONTRACT			3. PROGRAM		4. REPORT PERIOD			
a. NAME		a. NAME			a. NAME			a. FROM (Y	YYYMMDD)	
Princeton University	-Plasma Phys	DOE-SC-OFE	S-NSTX Upgra	ade	NSTX Upgrade P	roject		2011/11/01		
b. LOCATION (Add	N (Address and ZIP b. NUMBER b. PHASE									
Princeton, New Jers	sey	DE-AC02-09CH11466			CD-2			b. TO (YYYYMMDD)		
			c. TYPE d. SHARE RATIO		c. EVMS ACCEPTANCE (YYYYMMDE			2011/11/30		
		M&O			NO X	YES		4. REPORT PERIOD a. FROM (YYYYMMDD) 2011/11/01 b. TO (YYYYMMDD) 2011/11/30 SPI		
4500 MPTS VV	Modification	on (Labik)								
	BCWS	BCWP	ACWP	SV in \$	SV in %	CV in \$	CV %	SPI	CPI	
Cumulative:	659	555	742	-104	-16%	-187	-34%	0.84	0.75	
Thresholds Ex	ceeded: Cu	ımulative C	ost							
Explanation of \	/ariance/De	scription of	Problem:							
design stage repermitted solvin computer Pro Edata managemecomplete the de	quiring a mag g stress iss models. The ent (PDM) s	ature input to ues for MPT ne MPTS is	o the project TS and the a large syst	et FDR so add entire vessel. em requiring	litional time wa The extra worl very large mod	s spent on pu k was substai lels exacerba	utting togeth ntial. [3] Th ted by the in	er a workal ere are con ntroduction	ble model which stinuing issues with the of WIndchill product	
Impact: There is a cost dec 2011.	over run bu	t I do not an	ticipate imp	acting the pro	oject schedule.	The VV inter	faces FDR	was succes	ssfully completed on 2	
Corrective Action	n:	,								
An additional d	•	•				•	rt of the VV	interfaces	and the Ex Vessel	
Monthly Summa There is a cost models which ir	ary (to includ over run du ncluded a M	de technical e to the des axwell inter	causes of ign comple:	VARs, Impact xity of a highly ys, and proble	ts) and Correct y constrained o ems in handlin	ive Action(s): lesign, addition g very arge	nal time re	3.	evelop the stress There is no impact mate by \$187 K.	
Prepared by:	G Lab			Date:	Approved by:		12/20/	Date: ا در	·	

Program:NSTXU Batch Report:01CPR50

		CONTRA	CT PERFO	DRMANCE	REPORT			FORM APP	ROVED	
	S AND PROBL	EM ANALYSE	S		OMB No. 0704-0188					
1. CONTRACTOR	1	2. CONTRACT			3. PROGRAM			4. REPORT PERIOD		
a. NAME		a. NAME			a. NAME			a. FROM (YYYYMMDD)		
Princeton Universi	ty-Plasma Phys	DOE-SC-OFE	ES-NSTX Upg	grade	NSTX Upgrad	le Project		2011/11/01	1	
b. LOCATION (Ad	ddress and ZIF	b. NUMBER			b. PHASE					
Princeton, New Je	rsey	DE-AC02-090	CH11466		CD-2			b. TO (YYYYMMDD)		
		c. TYPE	d. SHARE RATIO		c. EVMS ACCEPTANCE (YYYYMMDI			2011/11/30)	
		M&O			NO X	YES				
8200 CS & Co	il Supt Stru	ct Install (P	erry)							
	BCWS	BCWP	ACWP	SV in \$	SV in %	CV in \$	CV %	SPI	CPI	
Cumulative:	467	625	464	1 158	34	% 1	61 26%	1.3	4 1.3	
Thresholds Ex	xceeded: C	umulative S	Schedule,	Cumulative	Cost	,	•			
Explanation of										
				ronaro and r	roviow) and	iold romoval	e haina campl	oted more	quickly than estimated	
			(quiotily intain communication	
Impact:		'								
None										
Corrective Acti	on:					1				
None required	OH.									
None required										
Monthly Summ	ary (to inclu	de technica	l causes of	VARs, Impa	acts) and Co	rrective Acti	on(s): 🔥			
Removal proce	edures being	combined	(fewer to pi	repare and i	review) and	field removal	s being compl	leted more	quickly than estimated	
				•	,		- 17 '			
							\mathcal{M}			
		ı					<u> </u>			
Prepared by:				Date:	Approved	oy: /		Date:		
	Erik Pe	erry		12/19/201	1	/2	X	. ا ا		
								12011		
						\{	(/ " \'し			

Batch Report:01CPR5O

	CONTRA	CT PERFC	RMANCE	REPORT			FORM APP	PROVED	
F	FORMAT 5 - EXPLANATIONS AND PROBLEM ANALYSES								
1. CONTRACTOR 2. CONTRACT				3. PROGRA	Λ		4. REPOR	T PERIOD	
a. NAME a. NAME				a. NAME			a. FROM	(YYYYMMDD)	
Princeton University-Plasma Phy	DOE-SC-OFES-NSTX Upgrade			NSTX Upgrad	le Project		2011/11/0	1	
b. LOCATION (Address and Zi	b. NUMBER			b. PHASE			1		
Princeton, New Jersey	DE-AC02-090	CH11466		CD-2			b. TO (YYYYMMDD)		
	c. TYPE M&O	d. SHARE F	RATIO	c. EVMS AC	CEPTANCE YES	NCE (YYYYMMDD		2011/11/30	
8210 Field Supervision 8	Oversight	(Perry)				,			
BCWS	BCWP	ACWP	SV in \$	SV in %	CV in \$	CV %	SPI	CPI	
Cumulative: 170	170	26				14 85%	1.0		
Thresholds Exceeded: C									
Explanation of Variance/D									
Work planning not costing			l during firet	months due	to time hein	a spent on pr	ncedure n	reparation	
		,	Ū				,	•	
Impact:	,					_		-	
None									
Corrective Action:	<u>'</u>								
None required.					•				
Monthly Summary (to inclu	ıde technica	I causes of	VARs, Impa	acts) and Co	rrective Action	on(s):		·*	
Work planning not costing	as much as	anticipated	d during first	months due	e to timpe belin	g spent on pr	ocedure p	reparation.	
1		•	-			•	·		
					/ \\ / X				
Prepared by:			Date:	Approved I	Dyn M	, 1	Date:		
rik P	erry		12/19/2011		M		100		
	•					10/1201	2011		
					1 1 1	101			
				_		•	=		