

# NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

## Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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ECP-121

### COVER PAGE

Originator (CAM) Perry

Date Submitted 8/26/2014

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ECP No. 121

**ECP Title** In Control Account 8200 delete activity 8200-0124 "Re-install RF pipes". Crane availability and space availability precludes completion before CD-4. Add Misc. M&S activity to support field work. In Control Account 8250 add activity 8250-1371A "Install OTF flag supports". These activities were not identified in BL. In Control Account 8210 add activity 8210

**Required Reviewers**  
(Change Control Board)

☒ Williams ☒ Langish  
☒ Strykowski ☐ Other...  
☒ Dudek  
☐ Stevenson

**Change Level** 2 Federal Project Director

## Approvals

Change Level	Approving Official	Approval	Signature
3	NSTXU Project Manager	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3a Expedited ECP	NSTXU Engineering Lead	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2	NSTXU Federal Project Dir.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
1	Associated Director OFES	<input type="checkbox"/> Yes <input type="checkbox"/> No	
0	Deputy Secretary of Energy	<input type="checkbox"/> Yes <input type="checkbox"/> No	

**Approval Date** 10/08/2014

Primavera Updated ☐  
Cobra Updated ☐  
WAD Updated ☐  
RAM Updated ☐

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### PART I

Originator (CAM) Perry

Date Submitted 8/26/2014

Type of ECP ☒ Standard ☐ Expedited

Type of Change (Check all that apply) ☐ Technical ☒ Cost ☒ Schedule ☐ Editorial ☐ Other

Reason for Change In Control Account 8200 delete activity 8200-0124 "Re-install RF pipes". Crane availability and space availability precludes completion before CD-4. Add Misc. M&S activity to support field work. In Control Account 8250 add activity 8250-1371A "Install OTF flag supports". These activities were not identified in BL. In Control Account 8210 add activity 8210-0013A Installation oversight extends LOE through January for oversight.

Impacted WBS Elements ☐ 1.1 ☐ Milestone  
☐ 1.2 ☐ Other...  
☐ 1.3  
☐ 1.4  
☐ 1.5  
☐ 1.6  
☐ 1.7  
☒ 1.8  
☐ PEP

Control Accounts ☐ 1000 ☐ 1306 ☐ 2470 ☐ 4501 ☐ 7900  
☐ 1001 ☐ 1307 ☐ 2475 ☐ 5000 ☒ 8200  
☐ 1002 ☐ 1310 ☐ 2480 ☐ 5200 ☒ 8210  
☐ 1200 ☐ 2300 ☐ 2485 ☐ 5501 ☒ 8250  
☐ 1300 ☐ 2420 ☐ 2490 ☐ 6100 ☐ Other...  
☐ 1301 ☐ 2425 ☐ 3200 ☐ 7200  
☐ 1302 ☐ 2430 ☐ 3300 ☐ 7300  
☐ 1303 ☐ 2440 ☐ 3400 ☐ 7400  
☐ 1304 ☐ 2450 ☐ 4100 ☐ 7100  
☐ 1305 ☐ 2460 ☐ 4500 ☐ 7710

Impacts of Change (Briefly Describe) Nothing over the current schedule

Impact - BL Sched Dur Change

0

Impact on Materials Parts Already Manuf. ☐ Yes ☒ No

If yes, what is recommended disposition

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### Detailed Description of Change

#### Description of Change

In Control Account 8200 delete activity 8200-0124 "Re-install RF pipes". Crane availability and space availability precludes completion before CD-4. Add Misc. M&S activity to support field work. In Control Account 8250 add activity 8250-1371A "Install OTF flag supports". These activities were not identified in BL. In Control Account 8210 add activity 8210-0013A Installation oversight extends LOE through January for oversight. See attached overview of budget changes.

**Contingency draw: \$28,999.20**

Submitted by:

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Erik Perry

Reviewed by:

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Larry Dudek

**SUBMIT ECP**

Do not fill in information below this point

## ***ECP-121 OVERVIEW***

Activity ID	Description	Resource	BL Rate	Hrs	Total
8200-0124	RF Pipe install (delete)				\$ (235,794.40)
8200-0017A	Misc M&S		1.35	40000	\$ 54,000.00
8250-1371A	Install Outer TF flag support	EM//TB	107.76	600	\$ 64,656.00
8210-0013A	Additional Oversight	EM//SM	172.58	640	\$ 110,451.20
		EA//EM	223.04	160	\$ 35,686.40
					\$ 28,999.20