

NATIONAL SPHERICAL TORUS EXPERIMENT
UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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Log

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ECP-126

COVER PAGE

Originator (CAM) Strykowski

Date Submitted 08/26/2014

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ECP No. 126

ECP Title Scope contingency -Eliminate non essential CD-4 tasks

Required Reviewers
(Change Control Board)

☒ Williams
☐ Strykowski
☐ Dudek
☐ Stevenson

☐ Langish
☐ Other...

Change Level 2 Federal Project Director

Approvals

Change Level	Approving Official	Approval	Signature
3	NSTXU Project Manager	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ron Strykowski <small>Digitally signed by Ron Strykowski DN: cn=Ron Strykowski, o, ou=PPPL, email=rstrykow@pppl.gov, c=US Date: 2014.09.04 07:59:57 -04'00'</small>
3	Head, Engineering & Infrastructure	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mike Williams <small>Digitally signed by Mike Williams DN: cn=Mike Williams, o, ou=Engineering, email=williams@pppl.gov, c=US Date: 2014.09.04 08:18:31 -04'00'</small>
2	NSTXU Federal Project Dir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	 9/5/14
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 9/5/2014

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

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Type of ECP ☒ Standard ☐ Expedited

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

Reason for Change Exercise previously identified scope contingency to reduce project TPC cost.

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 Reduce Project TPC cost. Future installations will be implemented under NSTXU operations.

(Briefly Describe)

Impact - BL Sched Dur Change

Impact on Materials Parts Already Manuf. ☐ Yes ☒ No

If yes, what is none recommended disposition

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Detailed Description of Change

Description of Change Work on all remaining re-installation tasks in CA 9417-****-2490 & 8200, not required to support the CD-4 KPP's, shall be removed from the project scope. These tasks were earlier identified as scope contingency. Should this work be desirable to be pursued for machine operations the NSTXU Program Head will provide the necessary direction and cost account information.

The following exceptions are required for CD-4;

- Restore Gas Inj. system
- Pressure Gauges
- Shutter/TIV Actuators
- TF/OH/PF3/PF5
- Rogowski Coils
- ECH Preionization System

SUBMIT ECP

Do not fill in information below this point
