

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

[Main Menu](#)[Log](#)[Print PDF](#)

ECP-114

COVER PAGE

Originator (CAM) Strykowski

Date Submitted 04/23/2014

[Top](#)

ECP No. 114

ECP Title Revise PEP Level II milestone "Complete fab & test inner TF/OH coil assembly" from JUNE 2014 TO JULY 2014.

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	Mike Williams for 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 4/29/2014

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

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PART I

Originator (CAM) Strykowski

Date Submitted 04/23/2014

Type of ECP ☒ Standard ☐ Expedited

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

Reason for Change Revise PEP Level II milestone "Complete fab & test inner TF/OH coil assembly" from JUNE 2014 TO JULY 2014.

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) No impact on Level I milestones.
No impact to cost.

Impact - BL Sched Dur Change

Impact on Materials Parts Already Manuf. ☐ Yes ☒ No

If yes, what is recommended disposition

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[Main Menu](#)

[Log](#)

[Print PDF](#)

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[Detailed Description of Change](#)

**Description
of Change**

Revise PEP Level II milestone "Complete fab & test inner TF/OH coil assembly" from JUNE 2014 TO JULY 2014. The OH winding operations (commissioning of the OH winder, qualification of in-line braze, layer-to-layer transition, plus unplanned snow days) have led to a schedule slip. Currently, the final OH layer is being wound however, there could be unanticipated slippages in the final terminations , VPI process, and Aquapour removal that would push the completion of this milestone into July.
No impact on Level I milestones.
No impact to cost.

SUBMIT ECP

Do not fill in information below this point
