

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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ECP-124

COVER PAGE

Originator (CAM) Atnafu

Date Submitted 8/26/2014

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ECP No. 124

ECP Title In Control Account 1002 delete activities associated with preparing/installing new Passive Plates in machine. Installation will cause negative impact on first plasma and will not be required during the first year of operations.

Required Reviewers
(Change Control Board)

<input checked="" type="checkbox"/> Williams	<input checked="" type="checkbox"/> Langish
<input checked="" type="checkbox"/> Strykowski	<input type="checkbox"/> Other...
<input checked="" type="checkbox"/> Dudek	
<input type="checkbox"/> 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 9/5/2014

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

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PART I

Originator (CAM) Atnafu

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 1002 delete activities associated with preparing/installing new Passive Plates in machine. Installation will cause negative impact on first plasma and will not be required during the first year of operations.

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 None
(Briefly Describe)

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 1002 delete activities associated with preparing/installing new Passive Plates in machine. Installation will cause negative impact on first plasma and will not be required during the first year of operations.

See attached spreadsheet overview of task/budget to be deleted.

Contingency draw: -\$71,227.76

Submitted by:

Neway Atnafu

Reviewed by:

Larry Dudek

SUBMIT ECP

Do not fill in information below this point

ECP-124 OVERVIEW

Activity ID	Description	BAC
1002-0101R	Installation Procedure, JHA, Work Permit	\$7,325.60
1002-0101S	Surface finish and modification	\$7,240.64
1002-0101T	Vacuum Prep the PP	\$8,015.84
1002-0101U	Install the PP	\$41,057.04
1002-0101V	Update drawings and procedure/archive	\$7,588.64
1002-0101W	Finish ECP-095 Work	\$0.00
		\$71,227.76