

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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ECP-039

COVER PAGE

Originator (CAM) Chrzanowski

Date Submitted 6/25/2012

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ECP No. 039

ECP Title Additional budget to jobs in CA's 1300, 1301 and 1305. Resources are needed for these tasks that were not previously budgeted.

Required Reviewers
(Change Control Board)

<input 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

Primavera Updated ☐

Cobra Updated ☐

WAD Updated ☐

RAM Updated ☐

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PART I

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Type of ECP ☐ Standard ☒ Expedited

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

Reason for Change Additional budget to jobs in CA's 1300, 1301 and 1305. Resources are needed for these tasks that were not previously budgeted.

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

Impacts of Change Additional cost
(Briefly Describe)

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 1300 add the following task:

1300-0012 Engineering support (Raftopoulos/Zatz/Mardenfeld),

Start: 06/01/2012 Finish: 09/30/2013, Resource: EA//EM=2430, Cost= \$521,502.30, LOE EVT

In Control Account 1305 add the following tasks:

1305-0001 Custom Solder Paste, Start: 07/16/2012 Finish: 07/16/2012, Resource = 41=20,668,
Cost= \$26,661.72, 0/100 EVT

1305-0002 PPPL Tech Shop prepare TF Quadrant Mold, Start: 06/01/2012 Finish: 06/28/2012,
Resource= EM//TB=320, Cost= \$32,665.60, 50/50 EVT

1305-3554 TF Cooling Tube soldering support, Start: 06/01/2012 Finish=09/28/2012,
Resource= EE//EM=336 ; EM//SB=336, Cost= \$108,272.64, LOE EVT

Total Contingency Draw = \$689,102.26

Submitted by:

Jim Chrzanowski

Reviewed by:

Larry Dudek

SUBMIT ECP

Do not fill in information below this point

List of
Attachments

☐ Primavera Schedule (Before/After) ☒ Cobra (Before/After) ☐ Other...