

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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

ECP-051

COVER PAGE

Originator (CAM) Chrzanowski

Date Submitted 7/18/2012

[Top](#)

ECP No. 051

ECP Title Add activity 1305-0003 to re-design and manufacture flanges for the TF Quadrant Mold that will allow for complete closure and sealing of the mold

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 ☐

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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

ECP-051

PART I

Originator (CAM) Chrzanowski

Date Submitted 7/18/2012

Type of ECP ☒ Standard ☐ Expedited

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

Reason for Change Add activity 1305-0003 to re-design and manufacture flanges for the TF Quadrant Mold that will allow for complete closure and sealing of the mold

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 (Briefly Describe) None other than added cost/schedule

Impact on Materials Parts Already Manuf. ☒ Yes ☐ No

If yes, what is recommended disposition Update to the TF Quad Mold, drawings will be changed accordingly

**NATIONAL SPHERICAL TORUS EXPERIMENT
UPGRADE PROJECT**

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

[Main Menu](#)

[Log](#)

[Print PDF](#)

ECP-051

[Detailed Description of Change](#)

**Description
of Change**

Add activity 1305-0003 Modification to TF Quad Mold to facilitate closing/sealing

Start Date: 18 July 2012

End Date: 14 August 2012

EVT = 50/50

Resources:

EA//SB = 24 hours @ BL rate of \$136.98 = \$3287.52

EM//TB = 64 hours @ BL rate of \$102.08 = \$6533.12

Total Contingency draw = \$9,820.64

Submitted:

Steve Raftopoulos for 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...