

**NATIONAL SPHERICAL TORUS EXPERIMENT
UPGRADE PROJECT**

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

[Main Menu](#)

[Log](#)

[Print PDF](#)

COVER PAGE

ECP-007

[Top](#)

Originator (CAM) Ramakrishnan

Date Submitted 11/30/2011

ECP No. 007

ECP Title Convert task 531-005 held in Planning Package to discrete tasks.

Required Reviewers
(Change Control Board)

☐ Williams ☐ Langish
☐ Strykowski ☐ Other...
☐ Dudek
☐ Stevenson

Change Level 3 Project Manager

Approvals

Change Level	Approving Official	Approval	Signature
3	NSTXU Project Manager	<input checked="" 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 11/30/2011

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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

ECP-007

PART I

Originator (CAM) Ramakrishnan

Date Submitted 11/30/2011

Type of ECP ☒ Standard ☐ Expedited

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

Reason for Change Planning package (531-005 FCPC DC Systems procedures, specs, revision) needs to be converted to discrete tasks. Convert planning package per detailed description below.

Impacted WBS Elements ☐ 1.1
☐ 1.2
☐ 1.3
☐ 1.4
☒ 1.5
☐ 1.6
☐ 1.7
☐ 1.8
☐ Other...

Control Account ☐ 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

Impact on Materials Parts Already Manuf. ☐ Yes ☒ No

If yes, what is recommended disposition

**NATIONAL SPHERICAL TORUS EXPERIMENT
UPGRADE PROJECT**

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

[Main Menu](#)

[Log](#)

[Print PDF](#)

ECP-007

[Detailed Description of Change](#)

Description of Change

Activities to add:

1. Activity ID: 531-005A,

Activity Description: Prepare specification(s) for Power cables

Resources: 20MDs EEEM

Budget: \$30,334.40

EVT= 50/50

Start Date= 1 Dec 11 Finish Date= 2 Feb 12 (40 days)

2. Activity ID: 531-005B,

Activity Description: Prepare Installation Procedure(s) for Cabling:

Resources: 70MDs EEEM; 50MDs EASB, \$4,672 M&S

Budget: \$166,989.28

EVT = % Comp EVT

Start Date= 03 Feb 12 Finish Date= 22 June 12 (100 days)

3. Remove budget from PP Activity 531-005 (was budgeted at \$197,324.12)

SUBMIT ECP

Do not fill in information below this point

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