

**NATIONAL SPHERICAL TORUS EXPERIMENT
UPGRADE PROJECT
Engineering Change Proposal (ECP)**

COVER PAGE

(TO BE COMPLETED BY SYSTEMS ENGINEERING SUPPORT MANAGER)

| | |
|-------------------------------|--|
| Originator: Strykowski | Date: 10/6/2011 |
| ECP No: 005 | ECP Title: Update the WBS/Dictionary in the Project Execution Plan to ensure that a single Control Account does not occur at more than one WBS element (Primavera/Cobra updates as well). |

Required Reviewers

Required Reviewers for this ECP: Project Manager

ECP Approval Level

Expedited ECP? ☐ Yes ☒ No

Change Level: 3 Project

Approving Official: 3 Reg ECP - Project Manager

Actions

See description of change

APPROVALS

(TO BE COMPLETED BY APPROVING OFFICIALS)

| 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 Director | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| 1 | Associate Director OFES | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| 0 | Deputy Secretary of Energy | <input type="checkbox"/> Yes <input type="checkbox"/> No | |

Controlled Document

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NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

PART I (TO BE COMPLETED BY ORIGINATOR) ECP-

Originator: **Strykowski**

Date: 10/6/2011

Overview of Change

Type of ECP: ☐ EXPEDITED ☒ STANDARD

Type of Change: ☐ TECHNICAL ☐ COST ☐ SCHEDULE ☒ EDITORIAL

(Check all that Apply)

Reason for Change:

Update the WBS/Dictionary in the Project Execution Plan to ensure that a single Control Account does not occur at more than one WBS element (Primavera/Cobra update accordingly).

Impacted WBS Elements:

1.5, 1.2.4

Impacts of Change (Briefly Describe):

No impact to Level I, II, or III milestones or critical path

Does this Change Impact Material Already Procured or Parts/Assemblies Already Assembled/Manufactured using this Material: ☐ Yes ☒ No

If "Yes", what is the recommended disposition of this material/part/assembly?

Assessment of Other Options:

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PART I
(TO BE COMPLETED BY ORIGINATOR)

Originator: Strykowski

Date: 10/6/2011

Detailed Description of the Change:

(Use Continuation Sheets and/or Attach Information/Sketches, As Needed)

List Attachments, Impacted Documents, etc.

- 1- Project Execution Plan (Work Breakdown Structure/Dictionary)
- 2- Responsibility Assignment Matrix (RAM)
- 3- Primavera Schedule/Cobra updated accordingly

Description of Change:

- 1- In the Project Execution Plan Control Account 2485 should occur at WBS element 1.2.4.10.
- 2- In the Project Execution Plan update WBS 1.5 to show three level 3 elements:
 - a. 1.5.1 including AC Power Systems, AC/DC Converters, DC Systems, and Power Systems Integration and Testing. Control Account 5000 occurs at WBS 1.5.1.
 - b. 1.5.2 Control and Protection Systems. Control Account 5200 occurs at WBS 1.5.2.
 - c. 1.5.3 Coil Bus Runs. Control Account 5501 occurs at WBS 1.5.3.