

NATIONAL COMPACT STELLARATOR PROJECT

Engineering Change Proposal (ECP)

COVER PAGE

(TO BE COMPLETED BY SYSTEMS ENGINEERING SUPPORT MANAGER)

Originator: Mike Viola

Date: March 10, 2005

ECP No: 025

ECP Title: RFD-12-001 -

Required Reviewers

Required Reviewers for this ECP:

M. Viola, P. Goranson, B. Nelson, J. Malsbury, F. Malinowski, J. Levine,

ECP Approval Level

Expedited ECP? ☒ Yes ☐ No

Change Level: 3 Project

Approving Official: 3a Expedited ECP - Engineering Manager

Actions

(1) Approve RFD-12-001

(2) Issue Contract Addendum to incorporate RFD-12-001

APPROVALS

(TO BE COMPLETED BY APPROVING OFFICIALS)

Change Level	Approving Official	Approval?	Signature
3	NCSX Project Manager	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3a (Expedited ECP)	NCSX Engineering Manager	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
2	NCSX Federal Project Director	<input type="checkbox"/> Yes <input type="checkbox"/> No	
1	Associate Director OFES	<input type="checkbox"/> Yes <input type="checkbox"/> No	
0	Under Secretary of Energy	<input type="checkbox"/> Yes <input type="checkbox"/> No	

NATIONAL COMPACT STELLARATOR PROJECT

Engineering Change Proposal (ECP)

PART I *(TO BE COMPLETED BY ORIGINATOR)*

Originator: Mike Viola

Date: March 10, 2005

Overview of Change

Type of of ECP: ☒ EXPEDITED ☐ STANDARD

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

(Check all that Apply)

Reason for Change:

CSPEC calls out a different ASTM standard. MTM has identified an alternate ASTM standard to follow. Specifically, MTM has stated:

“For some time now, we have been working with our material suppliers in developing the tubing and pipe requirements for the Port Extensions. We can now confirm the best approach (considering delivery and quality) will be to manufacture the 6", 8", and 10" tubing (roll and weld from plate). We are still researching the 2.5" and 3.5" pipe. We plan to follow ASTM B705 as a guideline during production, but the material certification will be for ASTM B443.”

The requested deviation will be to manufacture the 6", 8", and 10" tubing (roll and weld from plate). Follow ASTM B705 as a guideline during production. The material certification will be for ASTM B443.

Impacted WBS Elements: 12, Vacuum Vessel

Impacts of Change (Briefly Describe): No cost, schedule, or performance impacts. Project has determined that there is no need to revise the CSPEC. PTR, WBS Manager, and RLM have concurred in this RFD.

Assessment of Other Options: None

List Attachments, Impacted Documents, etc.

(1) Request for Deviation NCSX-RFD-12-001 submitted March 7, 2005