

NATIONAL COMPACT STELLARATOR PROJECT

Engineering Change Proposal (ECP)

COVER PAGE

(TO BE COMPLETED BY SYSTEMS ENGINEERING SUPPORT MANAGER)

Originator: Dave Williamson

Date: March 11, 2005

ECP No: 026

ECP Title: Responses to MTM Editorial/Clarifications of MCWF Drawing

Required Reviewers

Required Reviewers for this ECP:

D. Williamson, B. Nelson, W. Reiersen, J. Levine, J. Malsbury, F. Malinowski

ECP Approval Level

Expedited ECP? ☒ Yes ☐ No

Change Level: 3 Project

Approving Official: 3a Expedited ECP - Engineering Manager

Actions

- (1) Issue contract addendum by 3/15/2005
- (2) Revise MCWF CSPEC by 4/15/2005
- (3) Revise drawings per ECN-4965 by 4/15/2005

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: Dave Williamson

Date: March 11, 2005

Overview of Change

Type of ECP: ☒ EXPEDITED ☐ STANDARD

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

(Check all that Apply)

Reason for Change: Changes are described by ECN-4965. Most of the changes are necessary to provide clarification, consistency between model and drawing, or machining operations efficiency with an associated cost savings. Three changes were identified by a recent design review (TF) and the TRC fabrication experience.

The "rapid response" procedure is applicable because 1) changes can be described to the vendor without a major drawing revision, and 2) the vendor needs immediate resolution in order to begin machining operations on the C1 casting (approx 3/21/05). Most of the changes have been discussed with the vendor and verbally agreed to by the Project.

There is no cost or schedule impact of these changes if this is approved prior to 3/21/05.

RLM has reviewed and approved these proposed changes and the processing as a "fast response" ECP.

Impacted WBS Elements: WBS 14

Impacts of Change (Briefly Describe): ECN-4965 has details

Assessment of Other Options: None. These are primarily editorial and/or clarifications.

List Attachments, Impacted Documents, etc.

- (1) Contract addendum 6-2 that incorporates these changes
- (2) ECN-4965
- (3) Detailed responses