

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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ECP-015

COVER PAGE

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Originator (CAM) Chrzanowski

Date Submitted 2/13/2012

ECP No. 015

ECP Title Add activities (cost/schedule) to accomplish
Aquapour test recommended at FDR

Required Reviewers
(Change Control Board)

☒ Williams
☒ Strykowski
☒ Dudek
☒ Stevenson

☒ Langish
☐ Other...

Change Level 2 Federal Project Director

Approvals

| Change Level | Approving Official | Approval | Signature |
|---------------------|----------------------------|---|---|
| 3 | NSTXU Project Manager | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Ron Strykowski <small>Digitally signed by Ron Strykowski DN: cn=Ron Strykowski, o, ou=PPPL, email=rstrykow@pppl. gov, c=US Date: 2012.02.15 10:06:41 -05'00'</small> |
| 3a Expedited ECP | NSTXU Engineering Lead | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| 2 | NSTXU Federal Project Dir. | <input checked="" 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 ☐

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PART I

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Type of ECP ☒ Standard ☐ Expedited

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

Reason for Change Add activities (cost/schedule) to perform Aquapour test

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 other than cost/schedule

Impact on Materials Parts Already Manuf. ☐ Yes ☒ No

If yes, what is recommended disposition

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Detailed Description of Change

Description of Change Add the following activities (see attached WAF for detailed schedule):

| | | |
|------------|---------------------------|-------------|
| 1305-2820A | Draw mockup assembly | \$5,479.20 |
| 1305-2820B | Fabricate mockup assembly | \$8,704.80 |
| 1305-2820C | Perform Aquapour test | \$16,332.80 |

Total contingency draw = \$30,516.80

SUBMIT ECP

Do not fill in information below this point

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