

**PPPL ENGINEERING CHANGE NOTICE (ECN) ECN # 4945**

|                              |   |
|------------------------------|---|
| <b>COGNIZANT INDIVIDUAL:</b> | Paul Goranson   |
| <b>ECN TITLE:</b>            | <b>Incorporation of changes detailed under Addendum letter 3-1 and 3-3.</b> |
| <b>ASSOCIATED ECP:</b>       | <b>019</b>  |
| <b>CC/WP/Job:</b>            | <b>AREA OR PROJECT: NCSX</b>  |

LIMITATION OF SCOPE - NOTE: A Work Planning Form is NOT required if the total change to be accomplished (ENG-032):

- Is not large or complex or does not represent a new installation into a usable space
- Does not have a significant ES&H impact
- Does not involve tritium or other radioactive contaminated or activated equipment
- Does not impact multiple projects, systems, or groups

OR does not change the scope or intent of the original design.

Responsible Line Manager CONCURRENCE: \_\_\_\_\_  
 (Signature indicates that no Work Planning form is required.)

If non-concurrence or associated with a work planning form, enter the WP Number: **1096**

| <b>DRAWING(S)<br/>AFFECTED NUMBER:</b> | <b>NEW<br/>Revision</b> | <b>TITLE</b>  |
|--|-------------------------|---|
| SE122-019                              | Rev 2                   | Vacuum Vessel Port 12 Seal Retainer                       |
| SE120-004                              | Rev 2                   | Vacuum Vessel Period Inspection and Leak Check Assembly   |
| SE120-003                              | Rev 1                   | Vacuum Vessel Period Assembly and Removed Port Extensions |
| SE120-005                              | Rev 1                   | Vacuum Vessel Port Extension Weldment                     |
| <b>Continued on Back</b>               |                         |   |

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|--|---|
| <b>DESCRIPTION OF CHANGE:</b> (State Drawing No., Zone/Group, or List Attachments) |   |
| <u>Addendum letter 3-1</u>   |   |
| SE122-104  | Relax 0.625" hole depth tolerance to two places, per vendor request.                  |
| SE122-019  | Change 0.271 typical dimension in zone G4 to reference dimension, per vendor request. |
| SE120-004, sht 16  | Add weld detail to Dome feature.  |

Addendum letter 3-3

1. SE120-004, shts 5, 13, and 15. Add alternate design port extension weld configuration Option #1 on ports 4 and 12, per request by vendor.
2. SE120-003, sht2. Add note relaxing inward tolerance in zone around Ports 4A, 4B, 12A, and 12B per request by vendor.
3. SE120-005, shts 1-3, SE120-004, sht 9 and sht 19, SE122-104, SE122-112, SE122-149. Add note to drawings to change pumpout ports to optional per vendor discretion.

**REASON FOR CHANGE:**

To incorporate drawing changes initiated by Addendum 3-1 and 3-3.

**ENGINEERING CHANGE PROPOSAL: ECP-019**

**DATE: 1/25/2005**

**COGNIZANT INDIVIDUAL MAKING THE CHANGE:**

**RESONSIBLE LINE MANAGER:**

