

PPPL ENGINEERING CHANGE NOTICE (ECN) ECN # 4933

COGNIZANT INDIVIDUAL: Paul Goranson (ORNL)
ECN TITLE: Modification of Vacuum Vessel Subassembly (VVSA) Inner Support Bosses to Utilize Simplified Hangers
CC/WP/Job: 9450-1***-1203-405 AREA OR PROJECT: NCSX

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: **1103**

DRAWING(S) AFFECTED NUMBER:	NEW Revision	TITLE
SE120-002	1	Vacuum Vessel Subassembly (VVSA)
SE120-004	1	Vacuum Vessel Period Inspection and Leak Check Assembly
SE122-018	1	Vacuum Vessel Port 12 Flange Detail
SE122-019	1	Vacuum Vessel Port 12 Seal Retainer
SE122-049	1	Vacuum Vessel Port 4 Flange Detail

DESCRIPTION OF CHANGE: (state drawing no.,zone.group, or list attachments)

SE120-002	Editorial change to BM
SE120-004, sht 1	Editorial change to BM
SE120-004, sht 15	Editorial change to callouts
SE120-004, sht 18	Design change to inner weld bosses to accommodate new support interface, including change in location, thread size and orientation.
SE122-018	Relax in tolerance
SE122-019	Relax in tolerance
SE122-049	Relax in tolerance
SE122-057	Add missing dimension, relax tolerance
SE122-072	Add missing true position callout, relax tolerance
SE122-104	Add missing port dimension
SE122-105	Change recess to full radius per contractor request
SE122-172	Relax tolerances, add missing stock thickness
SE122-173	Relax tolerances

REASON FOR CHANGE:

To incorporate a design change to the supports which will streamline assembly and installation procedures for the VVSA, and incorporate editorial changes and requests by the contractor.

ENGINEERING CHANGE NOTICE APPROVALS: ECP-017

DATE: 11/04/2004

COGNIZANT INDIVIDUAL MAKING CHANGE: Mike Viola

RESPONSIBLE LINE MANAGER: Larry Dudek

