

PPPL ENGINEERING CHANGE NOTICE (ECN) ECN # 5283

COGNIZANT INDIVIDUAL: Paul Goranson

ECN TITLE: Incorporation of Design Change to Vacuum Vessel Supports

ASSOCIATED ECP: none

CC/WP/Job: 1204

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: **1191**

DRAWING(S) AFFECTED NUMBER:	Revision	TITLE
SE124-051	0	Vertical Upper Support Assembly
SE124-014	0	Vertical Support Rod End, Female
SE124-034	0	Vertical Upper Support Spherical Nut
SE124-037	0	Vertical Upper Support Stud

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DESCRIPTION OF CHANGE: (State Drawing No., Zone/Group, or List Attachments)

- **SE124-051** – change tolerance positions to reflect as-built conditions of the support bosses.
- **SE124-014** – add locking feature to rod end.
- **SE124-034** – add locking feature to nut.
- **SE124-037** – delete drawing from assembly and Bill of Material List
- **New Drawings** – add parts to drawing assembly and Bill of Material List:
 - **SE124-075** Vertical Upper Support Stud
 - **SE124-076** Vertical Upper Support Spacer Detail
 - **SE-124-079** Vertical Upper Support Washer, Belleville
 - **SE124-082** Vertical Upper Support Washer, Belleville

REASON FOR CHANGE:

- SE124-051 A design change is required to accommodate out of tolerance positions of the support bosses on the Vacuum Vessel.
- SE124-014 and SE124-034 – A locking feature is required to prevent loosening of the support rods.
- SE124-037 – replaced by SE124-075
- New drawings needed to reflect as-built details

ENGINEERING CHANGE PROPOSAL: N/A	DATE: December 4, 2007,
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COGNIZANT INDIVIDUAL MAKING THE CHANGE:

RESONSIBLE LINE MANAGER: