

PPPL ENGINEERING CHANGE NOTICE (ECN) ECN # 5225

COGNIZANT INDIVIDUAL: Paul Goranson

ECN TITLE: Hose Clamp Modifications

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: **1091**

DRAWING(S) AFFECTED NUMBER:	Current Revision	TITLE
SE121-008	0	Vacuum Vessel Assembly Station 1, Phase 2
SE123-052	3	Vacuum Vessel Heating/Grafoil Gasket Detail
SE123-046	0	Vacuum Vessel Heating/Cooling Rectangular Washer
SE123-054	3	Vacuum Vessel Heating/Cooling Strap Detail
SE123-056	1	Vacuum Vessel Heating/Cooling Tube Retainer Washer

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

This ECN supersedes the changes set forth in ECNs 5038 and 5130.

SE121-008	Show changes in assembled clamp and add an additional assembly note.
SE123-052	Add an alternative gasket (-2 detail) made with different material.
SE123-046	Add washer detail to SE121-008 assembly drawing BM, isometric view, and section view.
SE123-054	Remove dimple from clamp
SE123-056	Delete washer drawing and remove it from SE121-008 assembly drawing.

REASON FOR CHANGE:

Trial installation of components on the Vacuum Vessel resulted in changes to some of the components to augment the fit up to the vessel contour and to permit increase in the clamping force.

ENGINEERING CHANGE PROPOSAL: N/A DATE: 3/1/2007

COGNIZANT INDIVIDUAL MAKING THE CHANGE:
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RESONSIBLE LINE MANAGER:
