PPPL ENGINEERING CHANGE NOTICE (ECN) ECN # 4994

COGNIZANT INDIVIDUAL: D. Williamson

ECN TITLE: Revise MCWF Leads Interface Features

ASSOCIATED ECP: ECP-033

CC/WP/Job: 1403 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:

DRAWING(S) AFFECTED NUMBER:	NEW Revision	TITLE
SE141-114	4	Modular coil winding form, Type-A
SE141-115	4	Modular coil winding form, Type-B
SE141-116	5	Modular coil winding form, Type-C

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DESCRIPTION OF CHANGE: (State Drawing No., Zone/Group, or List Attachments)
SE141-114 – Sheet 7, Quad D2, A3-5:
Revised lead block detail and section views; revised dimension scheme for mounting pad, resulting in reduction of mounting pad height.
SE141-115 – Sheet 7, Quad D5, B4-6 and Sheet 4, Quad B7
Revised lead block detail and section views; revised dimension scheme for mounting pad, resulting in reduction of mounting pad height. Added chamfer to inboard TF support.
SE141-116 – Sheet 8, Quad D8, B5-7
Revised lead block detail and section views; revised dimension scheme for mounting pad, no change in pad height.

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REASON FOR CHANGE:
Due to re-design of lead blocks assembly, it is necessary to change the slot length from 6.38-in to 7.5-in and the slot width from 1.5-in to 1.5625-in. The location and dimensions of four tee base tapped holes w/ spotface are also changed to conform to the new design. The mounting pad dimensioning scheme was revised, resulting in a slight change in the pad height for the Type-A and –B winding forms.

ENGINEERING CHANGE PROPOSAL: ECP-033 DATE: 6/10/05

COGNIZANT INDIVIDUAL MAKING THE CHANGE:
D. Williamson

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