

**PPPL ENGINEERING CHANGE NOTICE (ECN) ECN # 4953**

**COGNIZANT INDIVIDUAL: D. Williamson**

**ECN TITLE: Twisted Racetrack Design Update**

**ASSOCIATED ECP: 022**

**CC/WP/Job: 142 – 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: **1096**

<b>DRAWING(S) AFFECTED NUMBER:</b>	<b>NEW Revision</b>	<b>TITLE</b>
SE1406-077	2	CABLE END CONNECTOR
SE1406-048	1	INSULATING BASE BLOCK
SE1406-118	1	UPPER LEAD BLOCK FINGER GUIDE
SE1406-119	1	UPPER LEAD BLOCK FINGER GUIDE
SE1406-136	1	UPPER LEAD BLOCK
<b>Continued on Back</b>		

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

See presentations on NCSX Engineering Web:

- 1) D. Williamson, Twisted Racetrack Coil Design Update, 1/27/05
- 2) D. Williamson, WBS 1 Weekly Meeting, 2/2/05
- 3) P. Fogarty, WBS 1 Weekly Meeting, 2/2/05

**REASON FOR CHANGE:**

FDR comments, TRC fabrication experience, deviation requests, and field modifications.

**ENGINEERING CHANGE PROPOSAL: ECP-022**

**DATE: 1/28/05**

**COGNIZANT INDIVIDUAL MAKING THE CHANGE: D. Williamson**

**RESONSIBLE LINE MANAGER: B. Nelson**

