

COGNIZANT INDIVIDUAL: D. Williamson	
ECN TITLE: Thermocouples Added to Modular Coil Assembly	
CC/WP/Job:	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:	Current Revision	TITLE
SE140-101	0	MODULAR COIL ASM TYPE-A
SE140-102	0	MODULAR COIL ASM TYPE-B
SE140-103	0	MODULAR COIL ASM TYPE-C

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

A decision was taken to place thermocouples on all cooling line inlet and outlets, as shown in the Table on sht-3 of SE140-101, -102, and -103. The thermocouples were already shown on the drawing, but only the outlet sensors had been installed to-date. By this change, all cooling lines shall have thermocouples, mounted inside or outside the winding form shell surface, depending on coil orientation. See note added to rev-1, sht-3 of drawings.

REASON FOR CHANGE:

Measuring inlet manifold temperature only is not sufficient to diagnose a problem with an individual coil.

ENGINEERING CHANGE NOTICE APPROVALS: DATE: 7/16/2008
COGNIZANT INDIVIDUAL MAKING CHANGE:
RESPONSIBLE LINE MANAGER: <input checked="" type="checkbox"/> Update Drawings Immediately <input type="checkbox"/> Defer Update and Use ECN Stamp Other Comments: