

NCSX ENGINEERING CHANGE NOTICE (ECN) ECN # 5332_

COGNIZANT INDIVIDUAL:	Mike Cole
ECN TITLE: Incorporating Shim Modifications to Station 2 Assembly Drawings	
CC/WP/Job:	/1806
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: __Phil Heitzenroder____
(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
SE140-003	0	MODULAR COIL ASSEMBLY ½ FIELD PERIOD
SE140-046	0	MODULAR COIL SHIM AND SHEAR PLATE LAYOUT
SE140-052	1	A-B INBOARD SHEAR PLATE
SE140-190	3	MCWF FLANGE STUD KITS
SE140-053	1	B-C INBOARD SHEAR PLATE
Continued on the Back		

COGNIZANT INDIVIDUAL: Mike Cole**ECN TITLE:** Incorporating Shim Modifications to Station 2 Assembly Drawings**CC/WP/Job:** /1806**AREA OR PROJECT:** NCSX**DESCRIPTION OF CHANGE: (state drawing no., zone, group, or list attachments)**

SE140-003

DELETED F/N 7 THRU 11, RE-NUMBERED REMAINING F/N'S. F/N 26, SE140-046 WAS SE140-040. ADDED NOTE 17, 18, AND 19. CHANGED SPEC # IN NOTE # 10. ADDED F/N 35. ADDED FIELD DRILL HOLES ZONE G5 AND NOTE 16. DELETED DETAIL A SHEET 2.

SE140-046

CHANGED DWG TITLE TO REFERENCE AB AND BC INTERFACE. REMOVED F/N'S 4, 5, 10, 11 AND RELATED SHEETS. RENUMBERED ALL F/N'S. ADDED F/N 2, 9, 10 AND SHEET 4. F/N 2, SE140-041-1 WAS SE140-040. ADDED QTY #'S FOR ALL PARTS. CHANGED SPEC # IN NOTE 6. ADDED SHIM LENGTH CHARTS ON SHEET 2 & 3. UPDATED WELD SYMBOLS PER SHEAR PLATE REVISIONS. CHANGED "NEXT ASSY" TO SE140-003.

SE140-052

REMOVED J-WELD PREP ON SHORT LEG OF AB-3 PLATE ZONE C6. ADDED J-PREP TO BOTH EDGES OF AB-2 AND AB-4. ADDED V WELD PREP TO AB-5. ADDED SECTION D AND MOVED SECTION C. RELOCATED (3) Ø2.1 HOLES AND BOTH EDGES ON AB-2. CHANGED "NEXT ASSY" TO SE140-046.

SE140-190

F/N 14, SE140-041 WAS SE140-040-1. CORRECTED IDENTIFYING NO's -16,-19,-20,-21. F/N 19, JL-G GRAPHITE WAS MOLYKOTE POWDER. ADDED THREAD ENGAGEMENT NOTE FOR ALL NUTS. ADDED NOTE 9 AND SPEC IN NOTE 6.

SE140-053

SHORTENED BACK EDGE OF BC-5 AND CHANGED V WELD PREP TO 15° CHAMFER. ADDED J WELD PREP TO TO EDGES ON BC-2, BC-4, AND BC-5. DELETED NOTE 8 AND J PREPS ON BC-3. CHANGED "NEXT ASSY" TO SE140-046.

REASON FOR CHANGE:

SE140-003 – Added Sandwich shim of G10 and Stainless instead of Alumina to better adjust coil location.

SE140-046 – Added Sandwich shim of G10 and Stainless instead of Alumina to better adjust coil location. Removed AA and CC Interface, will be included in 2 new drawings later.

SE140-052 – Inboard shim welds modified for fit up and weld access.

SE140-190 – Replaced Molykote Powder with JL-G Graphite to reduce possible graphite contamination with powder.

Added Sandwich shim of G10 and Stainless instead of Alumina to better adjust coil location.

Original Alumina shims okay for C to C flange configuration

SE140-053 – Eliminate welds to casting wings and overhead welds.

ENGINEERING CHANGE NOTICE APPROVALS: DATE: 3/17/2008

Mike Cole

COGNIZANT INDIVIDUAL MAKING CHANGE:

Phil Heitzenroder

RESPONSIBLE LINE MANAGER:

☒ **Update Drawings Immediately**

☐ **Defer Update and Use ECN Stamp**

Other Comments: