

PPPL ENGINEERING CHANGE NOTICE (ECN) ECN # 5105

COGNIZANT INDIVIDUAL:	D. Williamson
ECN TITLE: MATERIAL CHANGE FOR MCWF BEARING PLATES	
ASSOCIATED ECP: None	
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
SE141-137	2	TYPE-C SHORT BEARING PLATE DETAIL
SE141-138	2	TYPE-C LONG BEARING PLATE DETAIL
SE141-139	1	TYPE-B SHORT BEARING PLATE DETAIL
SE141-140	1	TYPE-B LONG BEARING PLATE DETAIL
SE141-141	1	TYPE-A SHORT BEARING PLATE DETAIL
SE141-142	1	TYPE-A LONG BEARING PLATE DETAIL
SE141-114	7	PRODUCTION WINDING FORM TYPE-A
Continued on Back		

<p>DESCRIPTION OF CHANGE: (State Drawing No., Zone/Group, or List Attachments)</p> <p>SE141-137 thru -142: Material changed from 316 SS to STELLALLOY, the casting material. Ref RFD-14-016.</p> <p>SE141-114, SHEET 9: Thermocouple hole diam changed to .63 for all but last 1-in of depth, which remains at .25-in. Ref RFD-14-017.</p>
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REASON FOR CHANGE:

SE141-137 thru -142:
Improve magnetic permeability.

SE141-114, SHEET 9:
Improve machining technique.

ENGINEERING CHANGE PROPOSAL: NONE

DATE: 3/31/06

COGNIZANT INDIVIDUAL MAKING THE CHANGE: D. Williamson

RESONSIBLE LINE MANAGER: B. Nelson