

INTRODUCTION

This advisory notifies DECS-200N Digital Excitation Control System users of potential issues that may result in incorrect operation. The DECS-200N can exhibit undesirable operation if a transient interruption of the operating (bridge) power supplied to the DECS-200N occurs.

AFFECTED PRODUCTS

DECS-200N systems with firmware version 1.03.02, 1.03.03, or earlier are affected by this advisory. DECS-200N systems delivered prior to April 3, 2008 are affected and corrective action should be taken.

The application firmware version number can be verified at the top-level menu screen of the DECS-200N front panel display.

DESCRIBED ISSUE

This advisory addresses two issues related to the application of operating (bridge) power:

- Improper, internal clearing of a Power Input Failure alarm, following the loss and restoration of operating (bridge) power, prevents the DECS-200N from resuming excitation.
- An interruption in DECS-200N operating (bridge) power lasting approximately 60 to 200 milliseconds may cause the DECS-200N to terminate excitation and fail to issue a Power Input Failure alarm.

SOLUTION

These potential issues are corrected by updating the DECS-200N firmware to the latest available version. DECS-200N firmware consists of three firmware files: an application firmware file, a digital signal processor (DSP) firmware file, and a bridge control firmware file. The CD-ROM (P/N 9388814100) supplied with this advisory contains these files. Section 5 of the DECS-200N instruction manual, also provided on the CD-ROM, provides instructions for updating DECS-200N firmware.

This firmware update should be performed as soon as possible to prevent incorrect DECS-200N operation.

Questions regarding this advisory or requests for additional CD-ROMs should be directed to Basler Electric Technical Sales Support at +1 618.654.2341, extension 765, 773, 777, or 779.

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