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Technical Bulletin

Use of Alarm Verification with FSB-200 Series Beam Detectors

NFS2-3030 and NFS-3030 LCM Firmware Upgrade Notice

July 12, 2010

Document TB10-07-02

The FSB-200 and FSB-200S addressable beam detectors have many advanced features built in. One of these features is a 20 second Alarm Verification timer intended to help reduce nuisance alarms. This internal verification should be taken into consideration if an FSB-200 series beam detector is required to participate in the Alarm Verification programming of the fire alarm control panel.

Our testing indicates that FSB-200 and FSB-200S beam detectors **programmed for Alarm Verification participation** in NFS-3030 and NFS2-3030 panels operating LCM firmware version 2.8.14 through 3.3.2 will not initiate an alarm when activated. FSB-200 and FSB-200S detectors NOT programmed for Alarm Verification participation are not affected and will operate properly. Default programming is no Alarm Verification participation. The NFS2-640 and NFS-320 are unaffected.

Note that this issue would be identified during initial acceptance testing when beam detectors have been programmed for Alarm Verification participation in NFS-3030 or NFS2-3030 panels.

Affected LCM-320 loop cards were manufactured May 2005 through June 2010.

LCM firmware version 4.1.3 corrects this issue and is available for download from www.magni-fire.com. We anticipate all LCMs manufactured after 08/01/2010 will contain version 4.001.003. To confirm the LCM firmware version you may use the panel lamp test, VeriFire Tools, NCS or ONYXWorks.

If your NFS-3030 or NFS2-3030 application requires Alarm Verification greater than the built-in 20 second internal verification of FSB-200 series beam detectors the LCM will require upgrade to firmware version 4.1.3. For applications that don't require Alarm Verification beyond the 20 second built-in timer of the FSB-200 series beam detectors Alarm Verification participation should not be programmed.

Technical questions regarding this bulletin should be addressed to NOTIFIER Technical Services at 1-800-289-3473 or NOTIFIER.Tech@honeywell.com.