**Product Bulletin Update**
Bushing- Oil Fill Plug Gasket
Date: 13 September 2013

Earlier this year, in a Product Bulletin dated 24 January 2013 ("Product Bulletin"), ABB advised customers of a potential issue in connection with deterioration that was observed in some fill plug gaskets in certain ABB Bushings. ABB now wishes to update its recommendation for when customers replace the oil fill plug gaskets for the following condenser bushings: Type O plus C rated 15 kV through 72 kV and below 4,000 amperes with a manufacture date between 2001 and 2008 ("Affected Bushings").

In the Product Bulletin, we noted that there had been sixteen (16) instances where, upon investigation, ABB determined that the gasket deterioration was significant enough to enable moisture or other contaminants to enter the bushing. Likewise, in the Product Bulletin, ABB originally determined that it was necessary to highlight the risk of SERIOUS PERSONAL INJURY (WHICH COULD IN CERTAIN CASES, INCLUDE DEATH) OR PROPERTY LOSS in the event of a catastrophic bushing failure.

Given the large population of Affected Bushings in the field and the low number of reported cases where significant gasket deterioration has been reported, and the lack of any reported failures in connection with fill plug gasket deterioration, ABB now believes the likelihood of an incident is low, and we are advising our customers to change the fill plug gasket at your next scheduled maintenance period for the transformer.

As stated in the Product bulletin, the design was changed and fully implemented by June 2011. While there have been no reports of issues with deteriorated gaskets from 2009-2011, ABB will also supply oil fill plug replacement kits for Affected Bushings manufactured during this period.

**Recommended Corrective Action**

Given the low incident rate of bushing performance deterioration in the Affected Bushings, ABB now advises customers to change the fill plug gasket at your next scheduled maintenance period for the transformer. ABB is providing replacement kits and instructions at no charge to our customers.