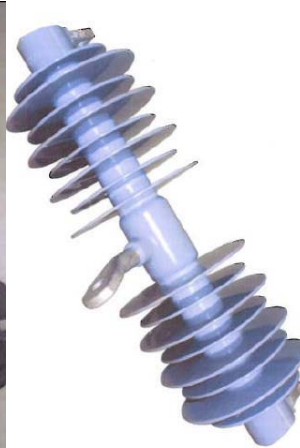
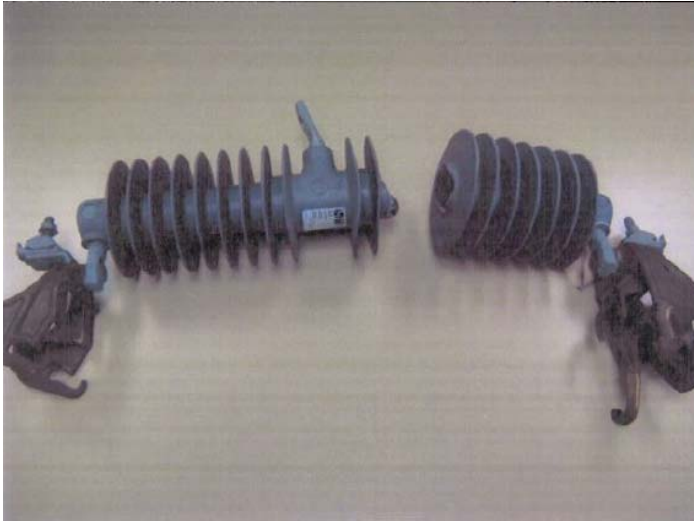




Electrical Distribution Safety

HAZARD DESCRIPTION – S&C ELECTRIC CANADA LTD:

ESA would like to ensure that the attached S&C Electric Canada Ltd notification, identifying product failures for certain polymer insulators, with the subject heading “Overhead – Pole-Top Style SMD-20 Power Fuses Furnished with Polymer Insulator” is available to all bulletin subscribers.



New Design



Old Design

ATTACHED INFORMATION:

The notification released by S&C has been appended to this bulletin.

ADDITIONAL INFORMATION:

Information requests and follow-up may be directed to ESA at Utility.Regulations@ElectricalSafety.on.ca. For questions on this bulletin please be prepared to quote Bulletin “DSB-08/11.”



S&C ELECTRIC CANADA LTD.

Excellence Through Innovation

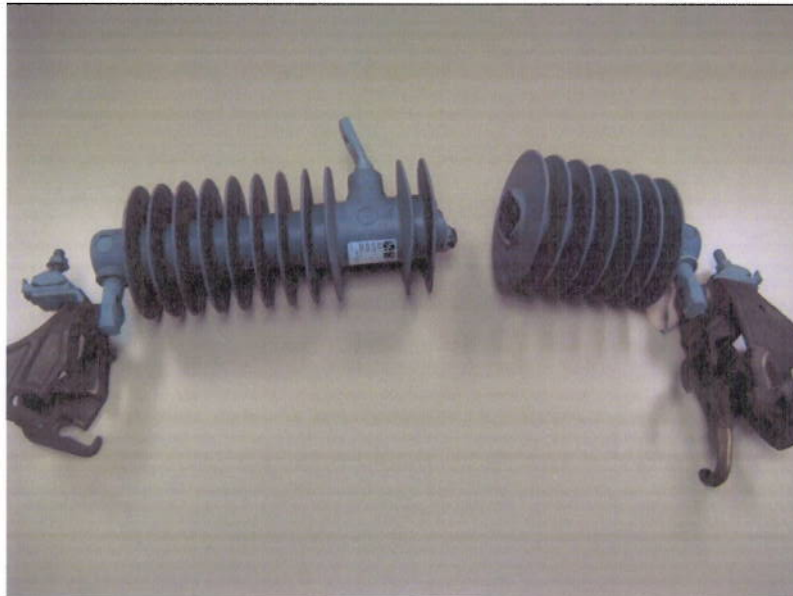
90 BELFIELD ROAD
TORONTO, ONTARIO M9W 1G4
CANADA
PHONE: (416) 249-9171
FAX: (416) 249-6051

November 30, 2011

10-AG11-022

Subject: Overhead—Pole-Top Style SMD-20 Power Fuses Furnished with Polymer Insulator

It has come to our attention that the polymer insulator furnished on certain S&C Overhead—Pole-Top Style SMD-20 Fuse Mountings may fracture when the fuse is opened with an S&C Loadbuster® Load-break Tool. Should this occur, the unsupported upper portion of the insulator could, depending on the utility's construction practices, make contact with an energized conductor, resulting in electrical arcing.

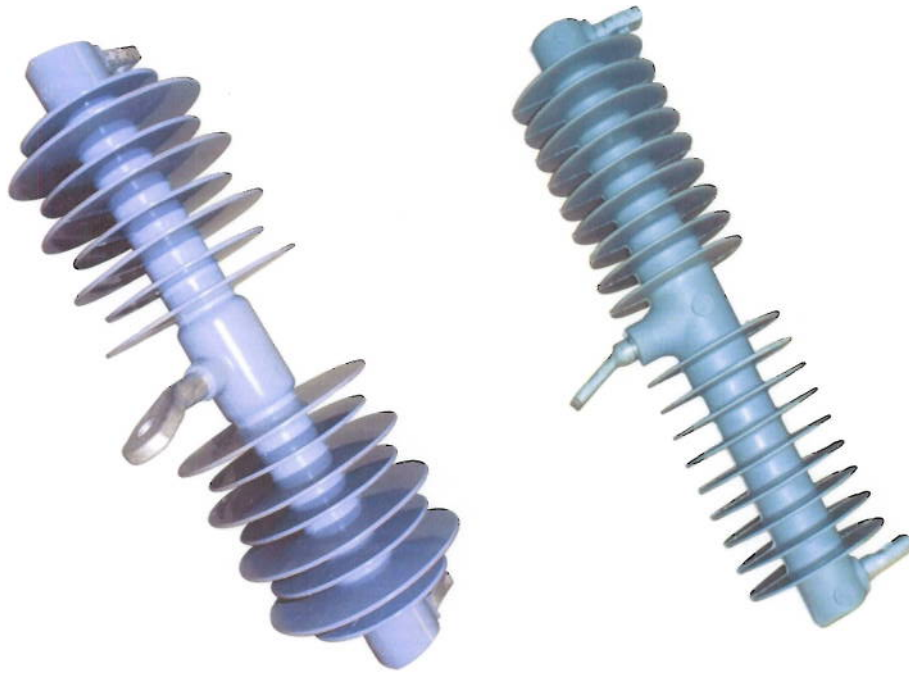


Only single-insulator mountings furnished with a polymer (not a porcelain) insulator are potentially subject to this issue. They include the following catalogue numbers:

- 92123R3-PD
- 92123R3-PD-T201
- 92123R3-PM
- 92142R3-PM

From field reports and sample testing which S&C has conducted, it appears that all mountings manufactured in 2011 are potentially susceptible to this issue. S&C is continuing to investigate the matter to determine if a larger manufacturing date range is affected.

As a point of information, S&C has now incorporated a polymer insulator design which, among other advantages, incorporates a fiberglass core that provides greater flexibility and strength. Its ultimate bend strength is five times greater than the old design. Operating personnel can readily distinguish between the two designs as the redesigned insulator utilizes alternating-diameter sheds, as shown below. The alternating-diameter sheds help prevent “bridging” in wet or polluted environments.



New Design

Old Design

Once a date range has been identified a second letter will be issued to you with our findings.

In the meantime please advise your members and notify them of the potential issues.

We are very sorry for the inconvenience this matter causes you. Should you require any further information, please contact David Moore, Manager-Customer Service at 416-249-9171 Ext. 3314 or david.moore@sandc.com.

Yours truly,

Angelo Gravina, P.Eng.
Vice President - Sales