

## MEMO

**TO:** Service NL, City of St. John's, City of Corner Brook, Newfoundland Association of Architects

**FROM:** Derek Simmons, Director of Fire Services/Fire Commissioner

**DATE:** November 22, 2012

**RE:** Product Safety Alert – ULC Listed Fire Resistant Cable

Recently, Fire and Emergency Services – Newfoundland and Labrador (FES-NL) was informed of a product safety alert from Electrical Safety Authority (ESA) regarding ULC listed fire rated cables.

*“Electrical Safety Authority is notifying public that that as of Sept 12, 2012, manufacturers of fire resistant cables, certified by Underwriters Laboratories Inc. (UL), are no longer allowed to place the cUL mark on fire resistant cables. UL has determined that these cables do not consistently achieve a two-hour fire-resistive rating when subjected to the standard Fire Endurance Test of ULC-S139. For more information, please follow this link to see “UL and ULC announce important changes to certification programs (Release 12PN-51)”*

*[www.ul.com/global/eng/pages/corporate/newsroom/publicnotices](http://www.ul.com/global/eng/pages/corporate/newsroom/publicnotices)*

*UL certification directory (FHJRC) that includes fire resistant cables certified to ULC-S139 is deleted and the following manufacturers and cable models are affected:*

<b>Manufactured by:</b>	<b>Description / Models:</b>
Comtran Cable LLC	Fire resistant cable / Vitalink FAS 105 ) (Non-shielded and Shielded)
Draka Cableteq USA Inc	Fire resistant cable / Lifeline FAS (CIC) (Unshielded and Shielded)
	Fire resistant cable / Lifeline R90 (RHH, RHW), Unshielded
RSCC Wire & Cable LLC	Fire resistant cable / Vitalink FAS 105 (Non-shielded and Shielded)
	Fire resistant cable / Vitalink R90/RW75
	Fire resistant cable / Vitalink MC
Pentair Thermal Management (formerly Tyco Thermal Controls (Canada) LTD)	<b>(*)</b> Copper sheathed, copper conductor, MI power cables / System 1850
	Stainless steel sheathed, nickel conductor, MI power cables / System 2200
	Fire resistant cable / Raychem CI (Non-Shielded and Shielded)
	Fire resistant cable / Raychem RHW
	Fire resistant cable / Raychem MC

This essentially means that currently there is no two-hour ULC listed fire resistant cable certified to ULC-S139 available in the marketplace.

Projects that are either currently under construction or have plan approval, by Service NL or the local municipal authority, up to November 23, 2012, will be permitted to continue using any of the above noted fire rated cable previously listed by ULC.

Projects approved after November 23, 2012, will be required to provide verification that any proposed cable meet the required standard. In lieu of using ULC listed cable, designers may submit for approval acceptable solutions that meet the objective and functional statements of the building code.

Specific questions regarding this safety alert memo may be directed to FES-NL; Electrical Inspection Division, Service NL; Technical Services, City of St. John's or the appropriate municipal building authority in your area.

Please feel free to distribute this message.