In May, at the laboratories of Timber Products Inspection an independent testing lab. Tests were conducted on fire retardant coatings for wood poles. CCA treated wood posts were chosen to intensify the area exposed to the flames and two posts of each type of application were tested. One at the standard brush fire of 4 foot diameter by 6 inches high of wheat straw and another at the extreme brush fire loading of 4 foot diameter and 2 feet high of wheat straw. A four foot section of intumescent coated Genics-WildFireSafe Mesh was installed around the posts.

The fuel was lit and the fire quickly heated up and consumed it.
The Mesh intumesced protecting the post beneath it.

The Mesh was removed to expose the wood beneath.
The posts were then sawn in two in the burn exposed areas to determine if the products prevented burning of the posts. Genics-WildFireSafe protected the posts from burning with only the paint suffering char and intumescent.

Genics-WildFireSafe Mesh allowed some scorching on the wood surface but no burning.

An unprotected CCA post after two hours of burning and then smoldering.