

Pole Fires

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Abstract

The presentation will discuss the overall impact of wild land fires and their effects on the power grid, how they compare to other types of fires in damage. Some of the measures developed to reduce their occurrence and recent legislation that can help reduce their impact and speed the response to fires that effect poles. As well as technologies available to help protect poles from fire.

DCOI - An Oil-borne Preservative System for Pressure Treatment of Poles, Posts and Sawn Cross Arms

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Abstract

DCOI or 4,5-Dichloro-2-octylisothiazol-3(2H)-one is a broad spectrum antimicrobial compound first standardized as a wood preservative in 1989 by the American Wood Protection Association. In 2008 DCOI was successfully commercialized in the U.S. residential wood preservative marketplace as a waterborne formulation for above ground uses. In 2017 proposals for an oil-borne formulation of DCOI intended for the pressure treatment of southern pine poles, posts and cross arms as well as Douglas-fir cross arms were considered and adopted by the AWPA Technical Committees. Publication of the new/revised standards is expected in the 2018 BOS. This paper summarizes available data associated with the chemistry, the human and eco-toxicological properties, the treatability and the efficacy of the active ingredient in an oil borne formulation that supports its use as an effective wood preservative for industrial applications.