



**TRANSFORMER PROTECTOR**

**SERGI France**

## **SERGI adds a feather in its cap: the TRANSFORMER PROTECTOR (TP) is now recommended by NFPA civil codes**

*After all the achievements made by SERGI ever since the Company came into being, it has taken another step forward that upholds the consistent progress of the TP till date.*

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Since beginning of 2010, the TRANSFORMER PROTECTOR (TP) positions itself as an international standard to avoid transformer explosions and fires. The National Fire Protection Association (NFPA) has recommended the TP in the 2010 civil codes edition of NFPA 850 (recommended practices for Fire Protection for Electric Generating Plants and High Voltage Direct Current Convert Stations) and NFPA 851 (Recommended Practice for Fire Protection for Hydroelectric Generating Plants).

These editions of NFPA 850 and NFPA 851 were approved as American National Standards on January 4, 2010 and December 5, 2009 respectively.

The unique mechanism of the TP has now been well acknowledged by the NFPA as a “Fast Depressurization System - A passive mechanical system designed to depressurize the transformer a few milliseconds after the occurrence of an electrical fault.”

Before being recommended by the NFPA, the TP has proven its efficiency by successfully passing several tests conducted by EDF and CEPEL respectively in 2002 and 2004. Électricité de France (EDF) High Voltage Laboratory performed 28 tests and CEPEL Independent High voltage Laboratory in Brazil performed 34 tests on 3 large transformers.

Today SERGI savors a tremendous sense of achievement and pride, not only because of ‘what’ it has gained but because of ‘how’ it has gained. The Company had a humble beginning back in 1955 with the designing of oil-filled transformer fire extinguishing system, whereas, over the years it has evolved to become the World Leader in transformer explosion and fire prevention.

Owing to the constant intensive research programs and TP successes, it is now recommended for all Power Plants and substations by the NFPA. The SERGI journey does not come to an end here. The Company continues to reassure its customers and assure its ‘customers to be’ that the TP is the sole solution to prevent from Transformer Explosion and Fire.

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