

## Dr. C. Clair Claiborne of Claiborne Consulting Returns to CUTV News Radio

APEX, NORTH CAROLINA, UNITED STATES, January 7, 2019 /EINPresswire.com/ -- There isn't a single person in this world if they use electricity that isn't benefiting in some way from transformers.

We're literally surrounded by transformers. Transformers convert energy from the origin source and deliver it to high voltage lines. From there at the end of the high voltage lines, the voltage is converted by other transformers in substations and distribution points to a lower voltage which is transmitted over lower voltage lines to pole top type transformers or underground to boxes in your neighborhood that are transformers to convert the lower voltage to 440 Volts or 220 Volts or even 120 Volts which are used in your office or home.

Dr. C. Clair Claiborne is the founder of Claiborne Consulting, where he draws on his expertise in the fields of material science and engineering to assist organizations that manufacture transformers.



All transformers are constructed much the same way, with a metal core wrapped with a wired coil and paper to insulate the coil. Dr. Claiborne consults with companies on the materials that go into transformers, most specifically the liquids that go mineral oils and liquid vegetable oils that prevent transformers from exploding.

"The size and configuration of the transformers is what they tend to consult with me on. Distribution transformers and network transformers used in substations. They would consult with me on whether they were prone to catch fire or explode."

There are a number of companies that compete in this industry, including ABB, the largest worldwide company, and Siemens, a German company. Their customers are industrial companies, government agencies and, of course, utilities.

Dr. Claiborne spent 33 years with ABB before striking out on his own.

"It took quite a bit of courage to launch this consultancy, but I am hopeful for the future," says Dr. Claiborne. "Instead of working for one organization, I can provide my expertise to a number of organizations in this industry."

CUTV News Radio will feature Dr. C. Clair Claiborne in an interview with Doug Llewelyn on January 9th at 10am EST.

Listen to the show on [BlogTalkRadio](#).

If you have a question for our guest, call (347) 996-3389

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