



Introducing

# **Cable Life Extension**



**AREVA**

forward-looking energy

# Cable Life Extension

Extending the reliable life of medium voltage cables for decades more

AREVA is now the exclusive channel to the nuclear market for Novinium's cable life extension technology and related services. This technology provides power plant customers with a safe, innovative, and cost-effective solution for managing aging and degrading cables.

Novinium technology extends the reliable life of medium voltage cables in conduits, cable trays, overhead runs and direct buried underground applications at a fraction of the cost of cable replacement. Novinium developed a patented method called Tailored Injection™ for delivering cable life extension fluids utilizing Sustained Pressure Rejuvenation (SPR).

A fluid is injected into the space between the cable strands at moderate pressure, and then the fluid diffuses into the insulation, providing improvement in the dielectric strength of the cable. The chemical treatment returns the cable to like-new condition in seven days. Tailored Injection assures that the correct fluid formulation and the optimum amount of cable life extension fluid is available to provide the desired life extension in the cable.

## AREVA Inc.

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## Benefits:

- Novel chemical technologies for treating medium voltage cable, including cables in wet areas
- Faster, safer, more cost-effective, and less disruptive than other solutions
- Millions of meters of cable have been successfully treated
- Enables plants to address a much larger pool of at-risk cable in each capital budget
- Proven, patented technology with a long, successful track record
- Covers solid dielectric cables 2.4kV and higher

AREVA and Novinium will work together to develop a work plan, inject the cable, inspect the work, and provide the required documentation of the project.

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