

Forsmarks Kraftgrupp

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Comments to webinar: "Wireless in nuclear applications – development in the U.S."

This journey made some take away for me to consider and discuss at Forsmark

Backbone:

Concentrate on building a strong fiber backbone, not just for the wireless system but for the entire plant. That decision made in Forsmark years ago building a fiber backbone can be much of use again when discussing building a wireless system.

Modular design:

When building a wireless system think of the future needs and a modular design that can be easily modified meeting the future needs. When thinking of building LTE coverage in Forsmark we thinking ahead and try to motivate a DAS that easy can be modified taking more frequencies or a wide band of frequencies.

Frequency plan:

Installing many frequencies in the plants we need to have them documented so that they do not have a conflict with each other and we know what frequencies we have and where we have them.

General:

Wireless technology is only a enabler for digitalization of the plant. It is not a precondition of digitalization but it can definitely ease up the digitalization.

The wireless installation and coverage is dependent of where we have our need for example measuring data, access to maintenance tools and possible future temporary installations. We will start analyzing this to see what areas we need wireless coverage and witch type of wireless standard we need there.