

## Trident Remote Conduit Adjustment

### Challenge

Past ECT inspections were performed making manual snorkel adjustments on the steam generator primary platform. As the inspection manipulator was moved closer to the manway, less of the snorkel was needed and a section was removed manually and conversely more sections were added as the inspection manipulator was moved farther away. This operation was dose intensive, reduced efficiency, and tended to increase schedule.

### Solution

**ALECS tool allows inspection personnel to make easy adjustments without platform support.**

A Framatome innovation, ALECS (Adjustable Length Eddy Current Snorkel), allows remote adjustment of ECT snorkel length to provide a continuous path for probes to improve life as well as reduce personnel exposure. The ALECS tool allows inspection personnel to make easy adjustments without platform support. It's a simple tool to reduce dose and increase production.

### Customer benefits

- Remotely operated from outside containment, reducing dose
- Designed for all inspection techniques, all probe sizes and our Trident Triple Guide Tube Probe Delivery system, eliminating time-consuming equipment positioning
- Eliminates need for personnel on the platform adding/removing sections of ET conduit, saving dose
- Able to extend/retract up to 48"



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