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NUCLEAR MYTH:
*“The nuclear
industry is
stuck in the
past.”*

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REALITY:

The nuclear industry is constantly adapting to incorporate new technologies like augmented reality and virtual reality to improve maintenance and customer service.

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FAST FACTS ABOUT NUCLEAR:

New Technology in Nuclear Power

Although nuclear power is often portrayed as part of retro-futurism in media, the nuclear industry is far from stuck in the past. As a whole, the industry is constantly reviewing and updating its standards and policies for new technologies as they arise both [within the industry](#) and [outside of it](#). Technologies like augmented reality allow users to [improve maintenance and customer service](#), while virtual reality creates opportunities for [virtual booths](#), [virtual trade shows or conferences](#), and even [remote training](#). Virtual [3D mappings of spaces](#) allow users to experience sites they wouldn't have previously had access to, even potentially being used to perform audits in the future, while 3D laser scans allow for [more detailed inspections](#) and [precise measurements for retrofitting parts](#). Even unmanned aircrafts assist in inspections that [previously would have required scaffolding, cranes, and many man hours](#).

The nuclear industry also works closely with other industries to help them innovate. Nuclear technology and research is being used to [help develop more climate tolerant crops](#), and has long been used [for diagnosing medical conditions and help treat cancer](#). With annual events like NEI's [Nuclear Innovation Week](#), nuclear is sure to continue innovating well into the future.