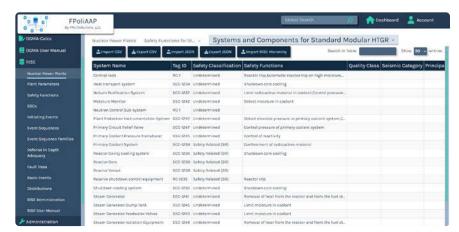
water reactor fleet, broadening the applications of RISE.

Mankosa broke down the opportunities that RISE presents into three categories: advanced reactor licensing, operational margins and flexibility for light water reactors, and promoting innovation and public acceptance.

On advanced reactor licensing, at the most basic level, RISE can help generate the RIPB safety case for new reactor designs. Beyond that, it also provides transparency in how that case was developed, while simultaneously automating burdensome documentation needs and collaboratively guiding analysts through complex workflows.

As for LWRs, Mankosa explained that RISE can help find new risk insights, improve fuel utilization, facilitate the management of operational incidents and issues, and streamline safety analysis methods. Finally, he said that



A screenshot of the RISE software.

FPoli hopes to help enable the deployment of highly enriched-high burnup and accident tolerant fuel products, as well as assisting in siting and emergency planning zone management activities, which could in turn increase public acceptance.

Continued

