Small Modular Reactors

SMR technology is flexible and integrates well with other renewables – such as solar and wind – joining with hydro and existing nuclear for a cleaner energy future.

SMR containment systems are constructed fully underground, resulting in improved safety and security. The smaller size enables components to be shipped to the site by rail or truck, allowing more of the construction to take place in factories. This process increases standardization, improves quality, and shortens construction durations.

Potential SMR Advantages

- Improved safety and security
- Reduced construction time
- More standardization
- Small footprint; more site options
- Lower financing costs

For more information on SMRs please visit TVA's SMR website at:
https://www.tva.com/energy/technology-innovation/small-modular-reactors

For more information on TVA's ESP Application for SMRs at the CRN Site please visit NRC's CRN website at:
https://www.nrc.gov/reactors/new-reactors/smr/clinch-river.html

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