



**Presentation to the TN Mayor's Retreat
Nuclear Developments in TN/
Nuclear Lifecycle Innovation Campus**

TN Sustainability Conference August 20, 2026

Nuclear Developments in TN

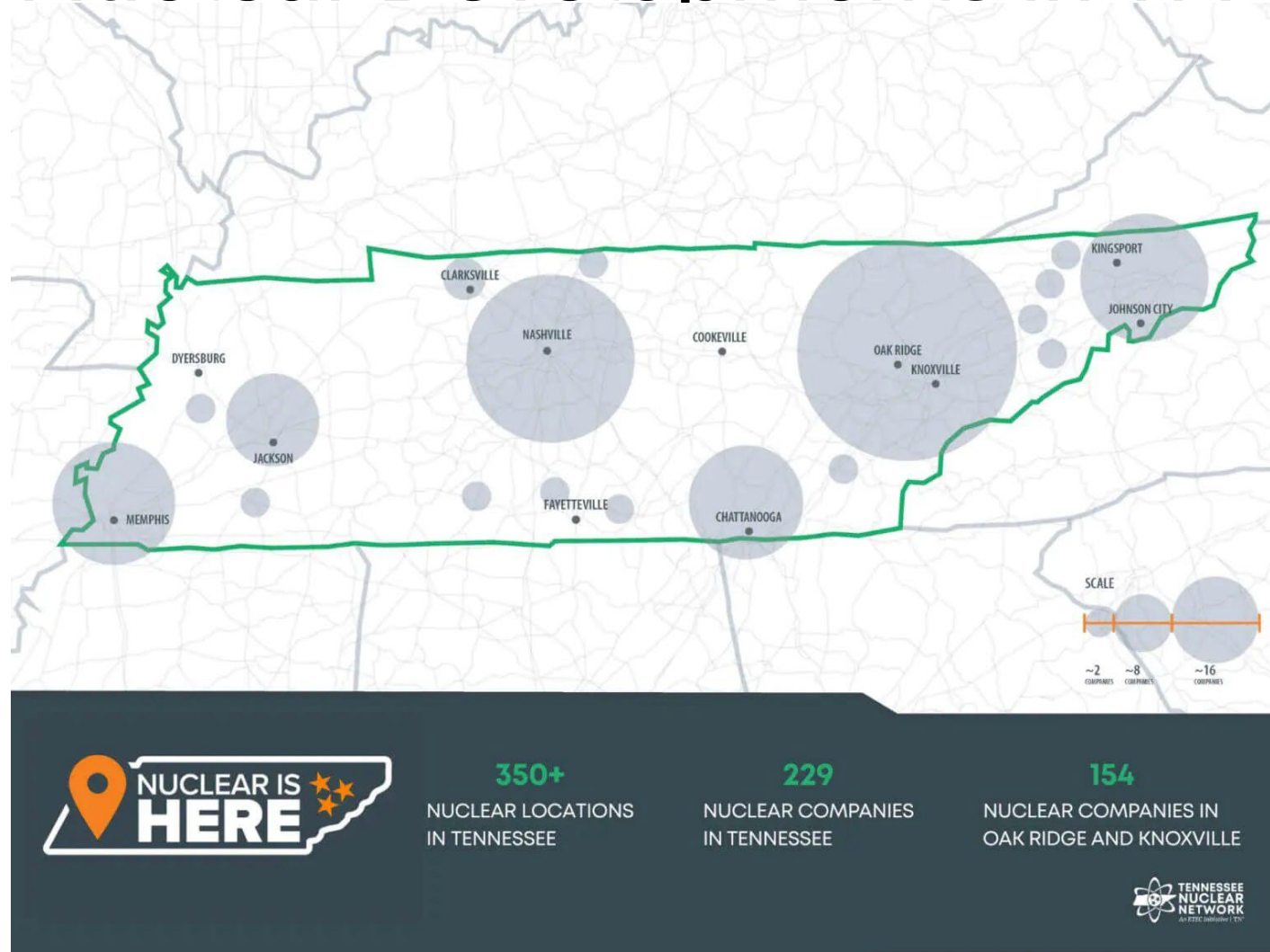
Much (But Not All!) of the New Nuclear Development is Located in Oak Ridge.

Overview of Oak Ridge

The Oak Ridge Reservation (ORR when referring to its entirety) is not a single location, it is three areas:

- **Y-12 is a uranium (generally enriched) processing area**
- **Oak Ridge National Laboratory is generally an area where nuclear research is performed**
- **East Tennessee Technology Park (Formerly K-25), in the Past Performed Uranium Separations**
 - **Main Area of “Clean Up to Clean Energy”**

Nuclear Developments in TN



Nuclear Developments in TN

Tennessee has done a GREAT Job of Preparing for the Nuclear Renaissance!

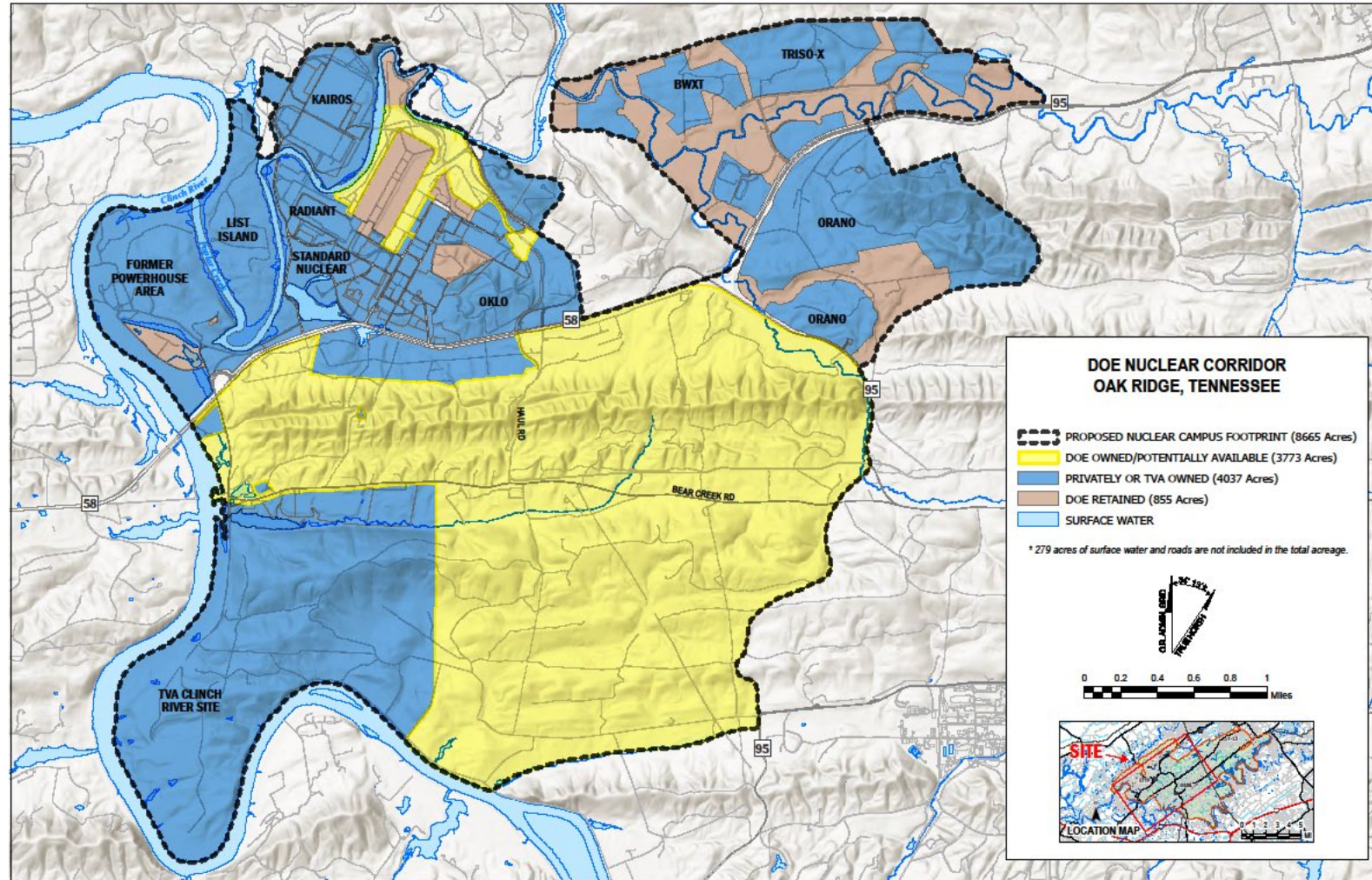
- **Governor Lee Established the TN Nuclear Energy Fund in the FY 2023-2024 Budget (\$50M initially, Now \$95M)**
- **He Also Issued Executive Order 101 in May 2023**
 - **Established the TN Nuclear Energy Advisory Council**
 - **Chaired by Commissioner Salyers**
 - **Consisted of 22 members from business, industry, academia, government, and workforce development**
 - **Sunset on October 31, 2024, issuing a report to help move TN forward with nuclear generation and everything needed**
 - **Contained 19 recommendations**
 - **In 5 key areas**

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TNEAC Final Report Provides a Roadmap – From Cleanup to Clean Energy

- **East TN Economic Council (ETEC) has received the charter from TNEAC**
 - **Has recast its Nuclear Working Group into the Tennessee Nuclear Network**
 - **Meets monthly, has formed committees and subcommittees mirroring TNEAC**
 - **Working to implement the goals of the TNEAC**

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How Much Nuclear Development Has Committed to Tennessee?

Orano:	\$6.7B
Oklo:	\$1.7B
LIST:	\$1.4B
Centrus Energy:	\$560M+
Radiant:	\$280M
Kairos:	\$100M+
BWXT:	\$45M+
Total:	\$10B+ (doesn't include fusion items)

TN is a happening nuclear place!!

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Nuclear Renaissance at the ORR Generally Means Nuclear Fission, But Fusion is a Thing, Too!

- **Type One is Designing a Fusion Demonstration Reactor at Bull Run (\$223M investment)**
- **Working with ORNL (and their supercomputer!)**
- **DHR Has Developed the Nation's First Regulatory Program for Fusion (Go Beth Shelton!)**
- **More Fusion Companies Coming?!?**

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Recent History (as in last month)

- **DOE-NE Announced TN Was One of Five Finalists for a Nuclear Innovation Campus**
 - **An RFI Was Issued to all states January 28, 2026**
 - **Response Due/Submitted April 1, 2026**
 - **26 States responded including TN**
 - **TN is Well Positioned for an Award**

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Innovation Campus – What Do We Have, What Are We Missing?

- **Why We Think We Are Well Positioned: We have most of what DOE-NE is looking for**
- **What we don't have:**
 - Mining and Milling
 - Deep Geologic Disposal (Illegal to have one, federal law specifies Yucca Mountain)
 - Some conversion/deconversion (but have commitments from industry for this if market conditions allow)
 - Otherwise solid, much better than other States

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Next Steps for RFI?

- **We Hope to be Selected, 2-3 Awards are Anticipated**
- **An Award Will Attract Billions More in Investment**
- **Job Creation Expected to be Around 25K+**
- **Jobs Focused on Oak Ridge But Will Be Spread Around the State**

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Questions?

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