

## **Progress of the High Density LEU Mo-99 Target Project**

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The GTRI Mo-99 HDT project exists to demonstrate a LEU alternative target to replace and meet or exceed the performance of current HEU fission targets. The target currently developed has been demonstrated in several research reactors, and is currently undergoing irradiation testing in the MURR reactor in Missouri.

Current progress for this project, including analysis for high flux reactors, fabrication techniques, fission recoil barrier application, and fission gas release quantification, will be discussed.