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**Enhancing Readiness to Respond to Emerging Threats: Exercise  
Corvina Loco**

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**ABSTRACT**

The U.S. National Nuclear Security Administration's Emerging Threats (ET) program maintains the capability to expeditiously package and safely remove nuclear materials in the event of an urgent need outside the United States. To accomplish this mission, the ET program developed a Mobile Plutonium Facility and a Mobile Uranium Facility. These facilities are transportable by air, land, and sea, and comprise connected, self-contained, customized shipping containers that can be operated in environments with limited infrastructure. Each mobile facility has been carefully designed and optimized to handle specific nuclear materials safely and securely, while maintaining the capability for rapid global deployment. Periodically, the ET program exercises its capabilities to perform these missions. This paper will discuss Exercise Corvina Loco, which took place between April and June 2017, including an overview of the mock deployment and lessons-learned.