



Project Scope: Engineering/ Design Drawings; Structural Analysis; Fabrication; Mechanical & Electrical Assembly; Disassembly & Shipment. Value: \$600,000

Springs Fab was contracted to design and build a Cask Process Enclosure for use in the TRU Waste Processing Center in Lenoir City TN. The enclosure serves as secondary containment in the processing of transuranic waste. It consists of a modular structural steel frame and skin in the form of an outer airlock, inner airlock, process area, drum bagout, and personnel airlock. Deliverables included double pane windows & light panels, push-button roll-up door, bi-fold doors, and bag-out blisters. The facility will process concrete casks inside the enclosure, progressing through the series of airlocks, to a waste removal station where items are size reduced, sorted, and packaged. The interior spans 22' and is self-supporting with no internal intermediate structure, and operates at a negative pressure. Springs Fab provided the design engineering, fabrication, and complete initial assembly in our facility where the client conducted a factory acceptance inspection.