

Dry Fuel Storage Closure Services

Canister closure with proven experience



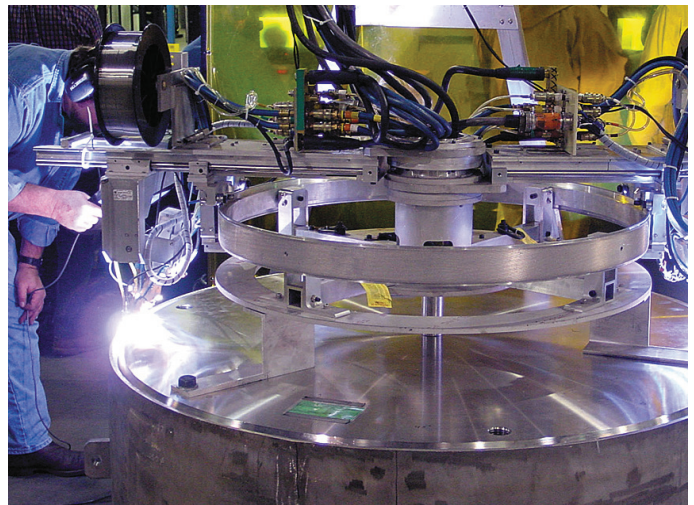
WSI is the North American field services leader in the sealing of spent fuel canisters

WSI's canister welding system utilizes remote GTAW methods for welding processes and can operate from a distance of up to 150' from the top of the canister.

NRC demonstrations and production canister work took place at Plant Hatch, Dresden Station, Idaho National Laboratories, Oyster Creek, Yankee Rowe, Maine Yankee, Columbia, Palo Verde, Sequoyah, Browns Ferry, Battelle National Laboratories, Connecticut Yankee, Arkansas Nuclear One, River Bend and Grand Gulf Station.

WSI holds ASME/NBIC "S," "U," "U2," and "R" certificates (code stamps), and has a full services Quality Control Program to support requirements necessary to perform work using these certificates.

Engineering and expertise with metallurgical, electrical, welding, tooling design and repair design capabilities – with proven experience in tackling a wide range of custom tooling and technology challenges to meet our nuclear customers' requirements quickly. Our Weld Engineers and Metallurgists develop and maintain 1000s of PQRs and WPSs.



Canister Closure Solution Highlights:

- Fifteen (15) successful NRC mockup demonstrations
- Completed over two hundred fifty (250) production canisters
- Non-destructive examinations to date have yielded zero rejectable defects on all canister-related welds
- Welded over 32,000 linear feet (6 miles) and 6,200 lbs. of weld metal accepted per ASME, Section III

Canister Closure Solutions Benefits:

- Improved ALARA results
- Reduced schedule risk
- Repeatable weld quality
- Reduced refuel floor footprint

Canister diameters may range anywhere between 40" and 84" with the standard welding system and groove preparations of up to 3" depth can be welded.

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