

NUCLEAR POWER

Thermal Protection, Radiation Visualization, and Plant Safety



Transco has over 50 years of experience in Commercial Nuclear power and our products can be found in 240+ nuclear plants worldwide. Our culture of constant nuclear plant safety awareness drive all product design, manufacturing and installation.

As the leading supplier of Metal Reflective Insulation in the world. Our products are built to last and can be quickly installed during outage service, saving you valuable time, money and dose.

Thermal Protection: Transco Metal Reflective Insulation (MRI) provides unparalleled thermal performance, easy installation and 70+ years lifespan.

Radiation Visualization: RadVision3D is the only radiation detection and planning service that takes you from detection to mitigation without any personnel dose.

Mitigation: Improve plant safety with our mitigation services. We provide 3D plant modeling with real-world radiological data for source identification and mitigation.

Driving Innovation, Safety, and Performance In Nuclear Power

70+ years of continuous product evolution that's optimized for superior, real-world plant performance.



Plant Decommissioning

We offer custom shielding, packaging, and waste management solutions to ensure safe, efficient dismantling of nuclear facilities while minimizing risks and ensuring regulatory compliance.



Engineering & Design

Our engineered design services provide custom solutions specific to your plant's needs. We don't just want to provide a product for your problem, we want to design a solution with you.



Quality Program

Quality leads everything. Our Safety Related QA Program (10CFR50 Appendix B and 10CFR21 compliant) along with ISO 9001:2015 and ISO 14001:2015 certifications and regular NUPIC audits back our quality promise.



Installation & Maintenance

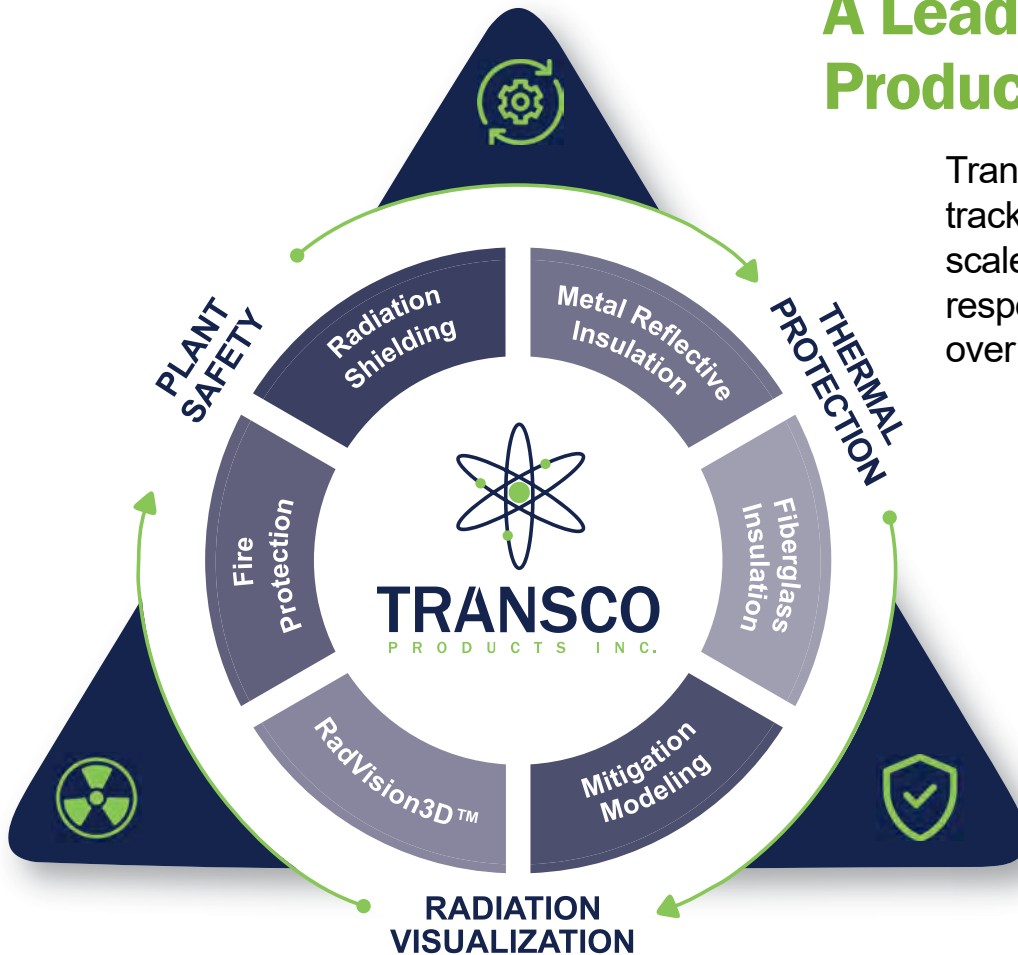
We leverage 3D software and reality capture hardware to ensure accurate implementation of custom-engineered solutions. Proven to minimize downtime, optimize safety, and guarantee peak performance for plant operations.

A Leader in Nuclear Products and Services

Transco has an unmatched track record of delivering large-scale nuclear projects and rapid response solutions on time for over 50 years.

Safety, reliability, and quality are our top priorities:

- Compliant to 10CFR50 Appendix B and 10CFR21
- NUPIC-Audited
- NIAC member
- ISO 9001:2015 Compliant
- ISO 14001:2015 Compliant



Thermal Protection

Every insulation system is custom designed, engineered, and manufactured to your plant specific requirements. Transco's advanced insulation solutions help maintain thermal stability, improve plant efficiency, and ensure worker safety.

MRI (Metal Reflective Insulation): Stainless steel construction composed of embossed reflective stainless-steel foil and a solid stainless-steel enclosure for a zero debris loading, long term GSI-191 solution.

Thermal-Wrap® Encapsulated Insulation: Fiberglass insulation encased in a durable blanket material creates a simple, fast, and effective thermal insulation solution.

We deliver custom designs for complex geometry. Built with lightweight, fiberglass insulation and stainless steel jacketing for ultimate durability.



Radiation Visualization

We provide comprehensive solutions for radiation detection and mitigation that help ensure the safety of your personnel and facilities. RadVision3D® is an advanced radiation visualization tool designed to improve safety, planning, and efficiency.

RadVision3D® helps reduce worker exposure by visualizing radiation hotspots and improves operational planning to cut downtime and reduce dose.

Identify: Transco uses a wide variety of real-world data capture hardware to collect all of the radiological and geospatial data of an area.

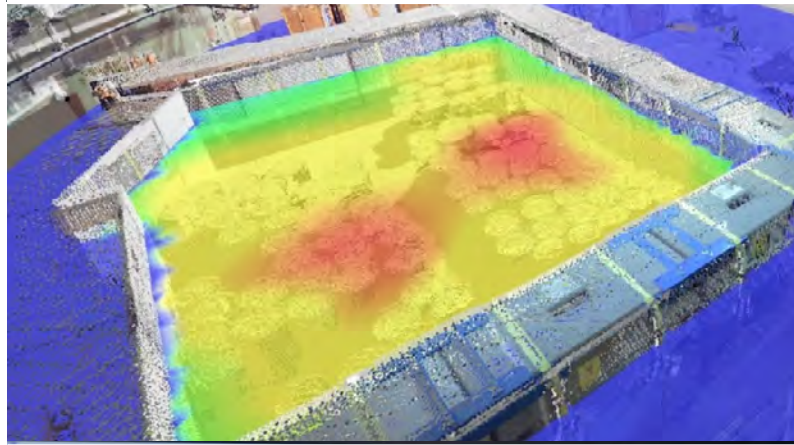
- Agnostic hardware integrations
- Current and complete radiological data

Analyze: RadVision3D™ translates collected data into an easy to use, 3D report of analyzed radiological conditions.

- 3D Radiation mapping
- Track and trend radiation and contamination

Mitigate: Reduce worker exposure by visualizing radiation hotspots and improve operational planning to cut downtime and reduce dose.

- Shielding and mitigation simulations
- Simulation accuracy within 10% and zero personnel exposure.



Mitigation & Fire Protection

Transco provides industry-leading fire protection system for nuclear power plants that are designed to prevent fire spread, protect critical equipment, and ensure safety in high-risk environments.

Thermo-Lag® offers advanced fire barriers that are durable, easy to install, and compliant with stringent nuclear, regulatory standards.

TPI Penetration Seals system are 3-hour fire rated, custom designed to meet any expectation; fire spread, pressure resistance, seismic movement, radiation release.

With decades of experience, Transco's fire protection solutions deliver proven, reliable performance that enhances plant safety and operational continuity.



Contact Transco to discover how our advanced solutions can enhance the safety, efficiency, and performance of your nuclear power plant.

240+

Installations at nuclear plants globally

7+

Years with no OSHA recordables

100%

U.S. engineered, designed and fabricated

100%

On-time completion for all large-scale projects



ABOUT TRANSCO

Transco Products Inc. has been providing engineered Solutions to the Nuclear Industry for over 60 years. We offer cutting-edge robotic solutions, training and services for radiation identification and mitigation solutions, as well as Metal Reflective and Thermal Insulation Systems, Fire Protection Barriers, Penetration Seals and GSI-191 solutions.

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