

CUSTOM FABRICATIONS

PROTECT YOUR ASSETS

Be in control this outage season with custom manufactured FME Barriers and Drop Prevention Catchment Systems.

Foreign Material and Dropped Objects cost the nuclear industry billions of dollars annually in lost production, equipment repair and replacement, project delays, extra dose, and the associated labor costs.

Since 1997, Alphasource Inc. has been a trusted industry partner, delivering high-quality engineered solutions for Foreign Material Exclusion (FME) and Drop Prevention. Many of our innovations have become industry standards, helping facilities across the country improve safety and reliability.

As each outage season brings new challenges, it also presents opportunities. Our team of experienced professionals is ready to provide tailored solutions that mitigate risk, reduce downtime, and enhance operational efficiency. Over the last outage season, Alphasource brought the following innovations to the industry:





Clearsight Containment Barrier

Developed in response to FME and personnel control challenges around the reactor cavity, the Alphasource Clearsight Containment Barrier is a reusable, easy-to-install solution. It reduces entries into High Risk FME Areas by allowing clear visibility inside the cavity. Optional closable window panels can replace viewing portals to ease congestion.

Free Flow Barrier

A Turbine Job Path Manager solved overheating from solid plastic handrail covers with our Free-Flow Handrail Cover system. The mesh design increases airflow, reduces temperatures, eliminates the need for fans, and improves visibility and communication.

Polar Crane Catchment System

A major Polar Crane refurbishment Project led to the development of the Alphasource Caterpillar Catchment System. Installed over the refueling pool, it captured all falling materials, was easy to install and clean, and maintained full Foreign Material control.

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