



PROJECT PROFILE

FLASK TRANSPORT SYSTEM

Palladium was retained for our expertise in handling of irradiated materials and knowledge of flask/cask transportation systems to review, assess and provide the necessary technical documentation for the project.

Client Name: AECL Chalk River Laboratories

Project Name: Flask Transport System

Project Location: Chalk River, Ontario

Duration of the Project: 8 months

The project objective was to review the current method for the transportation of an irradiated materials flask within Chalk River site and ensure it complied with current standards. Analysis was done to consider loading, unloading and general handling of the flask on a custom trailer with docking interface, potential life expectancy of the customer trailer, review of applicable standards, calculations and working with suppliers.

From Palladium's assessment a technical specification was developed for the fabrication and supply of a custom Flatbed Trailer with a docking interface for the flask.

