

Nuclear Power Plant Transporter

**APPLICATION:**

An Airfloat customer in the electrical industry required a method for effectively removing and transporting heat exchange tube bundles on a floor that had a low floor loading capacity.

SOLUTION:

Low floor-load capacity prohibited the use of wheeled equipment for removing and installing tube bundles into heat exchanger jackets. Bundles weighed in excess of 100,000 lbs. Airfloat air bearing platforms reduced floor-loading to less than 300 lbs per square foot. Tube bundles could then be moved safely through the plant and virtually floated in and out of exchanger jackets.

BENEFITS:

- Designed and manufactured and delivered a cost effective solution that is not available with other material handling processes
- Man-hours to complete bundle repairs were reduced by 50%
- High performance oversized air bearings with low floor loading characteristics were able to operate with minimal facility modification.