

# THE NUCLEAR INDUSTRY'S RIGGING AND TRANSPORTATION EXPERTS

**T**he unique nature of the nuclear power industry demands vendors with the skills and experience that can consistently perform at extremely high levels. Barnhart's Nuclear Services Group has proven its rigging and transportation expertise in nineteen years of working with the nation's leading nuclear energy producers, contractors, and engineers.

**LIFE EXTENSIONS, UPGRADES, AND MAJOR MAINTENANCE REQUIRE THE HANDLING OF CRITICAL COMPONENTS WITHIN OPERATING PLANTS.** To perform this work during planned outages, a thorough knowledge of major construction techniques, advanced structural engineering, and ALARA is required. It is also crucial that the company has practical working knowledge of the demanding requirements of nuclear protocol, such as NuReg 0612. Barnhart exceeds that criteria and has developed unique tools and methods to perform the movement of major equipment such as:

- RPV Closure Heads
- Moisture Separator Reheaters
- Pressurizers
- Feedwater Heaters
- Condensers
- Transformers
- Steam Dryers
- ISFSI Installations

**RIGGING SUPERVISION, LIFT PLANNING, HEAVY RIGGING, AND CRANE SERVICES** are provided through their team of professional supervisors, engineers, and project managers. Barnhart ensures the safety, quality, and timely completion of plant outages. Often they are called upon to participate in the "Readiness Planning" of various operating plants. These plans serve to limit downtime during emergency outages by coordinating the engineering, rigging plans, and transportation schedules. In some cases, heavy rigging in nuclear power facilities presents the challenge and opportunity for development of custom designed rigging tools. Barnhart's ISO9001 certified engineering and fabrication capabilities provide solutions, from concept through completion, to handle major components safely and on schedule.

**EXPERIENCED AND CERTIFIED FOR HAZMAT SERVICE,** Barnhart also brings a working knowledge to the transportation of contaminated components to burial or processing. Barnhart's Heavy Lift Terminal in Memphis serves as a transfer point and waste processing facility of Energy Solutions. Barnhart provides transportation of such components by barge, rail, or road. Barnhart rounds out their experience by providing warehousing services to support the Pooled Inventory Management (PIM) program administered by Southern Company. The PIM program is a mechanism for nuclear plant owners to jointly procure and store critical plant spare equipment. Permanent PIM management resides at the Barnhart facility coordinating the maintenance and handling of the inventory by Barnhart personnel. To learn more about Barnhart's work experience in the nuclear industry, visit [www.barnhartcrane.com](http://www.barnhartcrane.com).

#### BARNHART NUCLEAR SERVICES

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HOURS LATER.**

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YOUR PLANT'S PERFORMANCE AND BOTTOM LINE.

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Minds Over Matter