

ALARCONTM
NUCLEAR SERVICES
Alternatives for the Nuclear Industry





**Alaron has serviced the Nuclear Industry since
1985.**

**Our goal is to provide innovative services to
companies and utilities engaged in the nuclear
marketplace.**

**Alaron's facility is situated on 26 acres with four
on-site operations locations and 150,000 square
feet of indoor work and storage space**

FACILITY INFRASTRUCTURE

Rail Access and Private Switch Engine

Integrated Truck to Rail Transfer and Transload

125 ton Crane Capacity

Machine Shop and Weld Shop

Large Containments and Hot Cell

Blast Booths and Enviro-Control Paint Booth

80,000lb. Forklift Capacity

SERVICES

Large component processing/metals recycling

Volume reduction and disposal/waste segregation

Motor/pump test, rebuild, and balance

Weld/fabrication/repair services

Specialty coatings (SL-1)

Decontamination for free-release

Special projects

LICENSED FACILITY ACCESS

Facility Leasing/Specialized Processing



Contaminated equipment storage and facility leasing for contaminated equipment repair.

Labor support and access to infrastructure and equipment.

Radiological controls programs and Radioactive Materials Licenses.

LARGE COMPONENT PROCESSING

Alaron is experienced and capable of handling, disassembling, processing, and recycling large components including:



Large Tanks

Fuel Racks

Turbine Rotors

Heat Exchangers

Feed Water Heaters

Reactor Coolant Pump Motors

VOLUME REDUCTION AND DISPOSAL

Compactable material processing services

Alaron ensures that all processed material complies with the waste acceptance criteria for low-level waste disposal facilities.



Volume reduction services to help minimize disposal costs and to ensure that the waste meets acceptance criteria.



All materials are loaded into either sea-land containers, intermodal containers, or gondola cars and shipped to a licensed off-site disposal facility.

PUMPS AND MOTORS

With its teaming partners, Alaron provides an extensive motor repair facility and an experienced refurbishment staff.

Capable of handling any motor both safety and non-safety related.

Capacity to support contaminated pump inspections and refurbishment/repairs at our facility.

Alaron has all of the necessary equipment for refurbishing large motors. This includes reactor coolant pump and re-circulation pump motors.

Alaron provides the option of decontamination for free-release of motors, pumps, and associated components.



SL-1 AND SPECIALTY COATINGS

Facilities and equipment to perform surface preparation and protective coating application in a fixed shop facility.

Surface cleaning/preparation areas, large abrasive blasting containments, and a large enviro-control paint booth.

Experience with hazardous and radioactive materials.

Specialized protective coatings on new or contaminated material and equipment.

Service Level 1 qualified applicators.

Service Level I coating program meets ANSI, NACE, SSPC, and ASTM standards.



DECONTAMINATION FOR FREE RELEASE

Decontamination for free release instead of direct disposal.

Large and Small component recycling including:

Turbine Rotors

Heat Exchangers

Tooling

Equipment

Alaron utilizes both chemical and mechanical decontamination techniques depending on the equipment to be decontaminated and the customer's requests.



SPECIAL PROJECTS

Alaron's service capabilities are flexible enough that we are able to work with any customer requests, special projects, and other services that have not been listed.

Examples of Alaron Special Projects include:

High Value Metal Recycling (Zircalloy fuel tubing)

Scrapped Motor Recycle

CRDM Rebuild Services





NEWS

Alaron recently completed a successful lead shielding recycle project with VESTS Mooresville, NC

Alaron has partnered with Monarch Electric to continue to provide unsurpassed service to the contaminated motor industry

Alaron is now able to receive self-luminating (H₃) exit signs for recycle

Alaron completed the expansion of its CRDM building and will continue to provide rebuild services with its teaming partner Scientech (Curtiss-Wright)

Alaron has also partnered with Nova (Curtiss-Wright) to provide off-site plasmabonding on contaminated reactor head studs



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