

PROJECT CASE STUDY

NUCOR STEEL MILL SHEET STEEL GALVANIZING FACILITY

When Nucor Steel designed a \$150 million expansion project to add a sheet steel galvanizing facility, they turned to Lectrus and our electrical gear partner, ABB. The plant expansion, which would produce a high-end product for Alabama's burgeoning automobile assembly industry, employed 100 additional workers at the plant which already employed 600. In addition to the auto industry, Nucor will sell its zinc-coated product for use in appliances, heating and air-conditioning units, and buildings.

Lectrus provided a watertight, fully integrated 30 ft x 75 ft electrical equipment center for the project. Working with ABB, we created a custom-engineered solution designed to protect expensive switchgear, motor controls, transformers and other electrical controls and switches. Some of the many advantages of a robust, engineered Lectrus electrical equipment center over conventional site-built structures include:

- Saves money.
- Saves time and hassle
- Provides design flexibility.
- Meets specifications.
- Guarantees quality craftsmanship.
- Assures long-term performance.

For more information about our company, products and services, or to request a proposal for your next project, please visit lectrus.com or send an e-mail to sales@lectrus.com.



PROJECT PROFILE

// PROJECT //

Nucor Steel Mill Sheet Steel Galvanizing Facility

// LOCATION //

Decatur, Alabama

// MARKET SEGMENT //

Automotive

// EQUIPMENT PROTECTED //

Low and medium voltage switchgear and motor control centers

// PRODUCT //

Equipment Center

// ENCLOSURE SIZE //

30 ft x 75 ft

// DATE COMMISSIONED //

2007

// CUSTOMER //

ABB

// OWNER //

Nucor Steel

lectrus

ENGINEERED TO SPEC. BUILT TO LAST.

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