

## **AIC gets the final acceptance certificate for revamping project in Nucor Berkeley (SC)**

**AIC has successfully accomplished upgrade of Saws area PLC** in Nucor located in Berkeley, South Carolina – USA, and received the final acceptance certificate.

The job was focused on the conversion of the existing PLC5 system into a new Allen Bradley ControlLogix platform.

The scope of supply includes PLC control SW for Saw area and in particular:

- Saw cutting machine and cut to length strategies of sections after cooling bed
- Saw auxiliaries
- Interface with existing PLCs via Ethernet
- Interface with Drives and control desk
- Tracking and integration with existing recipes and cut strategies / cycles

The careful preparation of the job, with the great collaboration of NUCOR team for solving possible issues of software customization in the new control package, allowed a really fast and successfully commissioning, bringing back to production the plant according to the foreseen schedule in the minimum time available given by production requirements. As a matter of fact the commissioning phase required just one working day, followed by an additional day of assistance, without any production problem.

This job follows different previous revamping jobs performed by AIC from 2012 to 2015 for the upgrade of master speed control for the continuous mill as well as cut line and cooling bed area.

Thanks to these good and fruitful relationships AIC and Nucor are now planning new projects for the continuous improvement of control system among the plant.

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AIC is a global system integrator providing advanced and tailored automation solutions for the steel industry, with the aim to continuously improve both efficiency, competitiveness and safety of the production processes. With more than 800 applications worldwide and over 40 years of history, AIC can boost an unique experience in both greenfield and revamping projects in long products rolling mills and continuous casting machines.

*With a production capacity that exceeds 27 million tons, Nucor is the largest producer of steel in the United States. <http://www.nucor.com/>*

This press release is available at

- <http://www.aicnet.it/rassegna-stampa/>

Contact for journalists:

Mr. Roberto Migliorati

- email: [roberto.migliorati@aicnet.it](mailto:roberto.migliorati@aicnet.it)
- Tel: +39 0365 826333

**AIC Automazioni Industriali Capitanio sites:**

- Italy (Headquarters & Workshop)
- United States of America (Sales & Service)
- India (Sales & Service)