

# Community Connection

SPRING



2019



## Southeast Worlds of Work

In late February, more than 4,500 eighth-grade students funneled into the National Peanut Festival Fairgrounds in Dothan, but instead of rides and fair food they were met with career opportunities available in the region. The students came from schools in southeast Alabama, northwest Florida and southwest Georgia to attend the Southeast Worlds of Work (WOW). The fourth annual career experience spanned two days and gave the students an engaging, informative, educational and hands-on awareness of high-demand, high-wage career options available to them.

Representatives from Plant Farley and Southern Nuclear teamed with Alabama Power to expose the students to a wide variety of careers across Southern Company. The students used a hand-crank generator to illuminate light bulbs and learned how that same principle is used at Plant Farley to produce electricity. "The generator is a great way to reinforce what the students learned about how we use steam to drive the turbines at the plant," said Mike Doherty, Plant Farley communications coordinator.

Linemen and engineers from Alabama Power demonstrated several aspects of their power delivery system, and students had the opportunity to use a tool to open and close breakers on a distribution pole that was erected for the WOW event. They also learned the importance of working safely with electricity in the field.

Other career fields represented at the event included automotive technology, aviation/aerospace, health science, manufacturing, information technology, transportation, military and public service.



## Elected officials tour Plant Farley

Houston County Commission Chairman Mark Culver and county commissioners Doug Sinquefield and Brandon Shoupe joined Dothan Mayor Mark Saliba for a tour of Plant Farley recently. The visit was facilitated by the site's Emergency Preparedness department and included a tour of the plant, a demonstration of the control room simulator and an in-depth discussion about the partnership between Plant Farley, the city and county first responders, and Emergency Management Agency officials, all who work and drill on a regular basis to ensure the safety and health of the residents in areas around the plant.



### A look back

The first of three nuclear steam generators for Farley Unit 1 arrived at the site in September 1972. The steam generator was built in Tampa, Florida, and delivered to Plant Farley via a barge that traveled around the Gulf of Mexico and up the Apalachicola and Chattahoochee rivers. Each steam generator is more than 68 feet high, weighs 653,000 pounds dry and contains 3,388 "U-tubes." Water is heated to approximately 575 degrees Fahrenheit in the reactor. It flows through the tubes in the steam generator where cooler water surrounds them and boils to steam. The two water sources remain separated from each other; only the heat is transferred. The steam created inside the steam generator turns blades on a turbine generator, causing it to spin and generate electricity.



## Hello, warmer weather!

The azaleas are in bloom and the fish are biting — it must be spring in the Southeast! At Plant Farley, we know our families, friends and neighbors are enjoying a busy season packed with festivals and celebrations. Somewhere between activities, we hope you can find a few minutes to catch up with us to see the many ways we are staying plugged into our surrounding communities. Maybe you will even find time to plan a Farley visit of your own to learn more about nuclear energy.

Please remember to follow us on social media for the latest information from Plant Farley and the rest of the Southern Nuclear fleet.

As always, we thank you for your continued support and hope to see you soon.

Mike Doherty,  
Communications Coordinator-Plant Farley  
334-814-4879 · doherty@southernco.com

## Be prepared

You need to know what to do in the unlikely event of an emergency at our station, and Southern Nuclear has many communication forms to ensure you're prepared. Scan the QR code to visit our Emergency Preparedness website to get the information you need on your mobile device anytime, anywhere.



Additionally, there are pole-mounted sirens throughout the 10-mile Emergency Planning Zone around the site that would alert residents in the unlikely event of an emergency. Residents in the EPZ also receive an EP Calendar every year in the mail and last year received a keycard with a QR code that links to the Emergency Preparedness website.

Finally, the CodeRED Emergency Notification System may be used to contact residents by phone in the event of an emergency. Contact your local emergency management agency for more information on CodeRED.

# Bluebird Eagle Scout project

Plant Farley's 1,850-acre site has long been a haven for wildlife. Meadows, woods, wetlands, ponds and a lake give homes to deer, waterfowl, gopher tortoises and bluebirds. The Farley bluebird nesting program features bluebird boxes installed around the site that are monitored by plant workers. The employees count the number of nests, eggs and baby bluebirds and record the results.

Eagle Scout candidate Stryker Wylly learned of Plant Farley's environmental efforts and developed his Eagle Scout project around the plant's bluebird program. Scouts working to achieve the rank of Eagle Scout must develop and lead a service project helpful to their community, and he worked with Farley Facilities Foreman Corby Dolar to develop a three-phase plan to replace 30 older bluebird houses at the plant.

Over three Saturdays in February, Wylly and a group of 13 scouts and their mentors from Troop 106 prepared the necessary materials for the construction of the bluebird boxes and set up an assembly line process to build the boxes. "We had to make some adjustments during the assembly phase to ensure

that parts fit together properly," noted Wylly. "It was a task, but the scouts worked together to make the necessary adjustments, and the birdhouses were assembled quickly and accurately."

Installing the boxes was phase three of the plan, and the scouts worked with Dolar and Farley Environmental Specialist Eric Mullins to safely mount and secure the new boxes around the plant site. It took most of the final Saturday to complete the final phase of the plan, and Wylly says it's up to the birds now. "The birdhouses look great, and now it's time to wait for the bluebirds to decide if they like them. Bluebirds are only partially migratory, meaning that if conditions are right, they will stay year-round. Southeast Alabama has a climate that will support this, and if Farley's land and these houses attract more bluebirds to this area, our community will benefit."

The Farley bluebird nesting program has been active in area schools for several years as part of the Energy Education Center's outreach programs as a partnership with local school-aged children to monitor their own boxes and record the results.



## How can Plant Farley help your school or organization?

Our charitable giving program supports qualified schools and 501(c)(3) organizations that serve the needs of the community. Call 334-814-4879 to learn more about our program and discuss how we can partner.

Follow us on social media



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## Hits for Heroes

The sixth annual Hits for Heroes opening day was held Feb. 16, at Northcutt Field in Dothan. Overall, 36 baseball teams from the Wiregrass and Florida Panhandle participated in this year's Hits for Heroes games to raise money for local veterans and the Wounded Warriors program.

During the opening ceremonies, a helicopter landed in centerfield to deliver the official game ball. Three veterans exited the helicopter carrying the American flag, a Wounded Warriors flag and a prisoner of war flag.

Hits for Heroes contributed more than \$50,000 to veterans' organizations last year and has donated more than \$187,000 since the first event six years ago. Plant Farley is proud to be a supporter of this program by helping provide support to military veterans at home and abroad.



Learn about  
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7388 North County Road 95  
Columbia, AL 36319

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