



## Relicensing News

### ERC working group to study Yadkin water issues

The Environmental Review Commission (ERC), a legislative group that has been instructed to study how the issuance of a new long-term license for the Yadkin Project might affect the State of North Carolina, is putting together a small working group to address issues such as water allocation and water quality.

The working group will be led by George Givens, the counsel for the ERC. Givens and members of his staff toured the Yadkin Project in September to become more familiar with the relicensing process and related issues.

The next ERC meeting is scheduled for November 25, 2008 in Raleigh.

### Sampling shows discharges meet N.C. water quality standards

Recent testing of the water quality below the Narrows (Badin Lake) dam shows that discharges meet state standards for water quality. This is an important milestone in APGI's effort to receive a required water quality certificate from the State of the North Carolina.

As part of the application process, the N.C. Division of Water Quality (DWQ) asked APGI to collect discharge samples from the Narrows Reservoir. The discharge sampling was conducted on August 13, 2008 in accordance with the "Sampling Plan for Priority Pollutants in the Narrows Tailrace" that was approved by DWQ in a letter dated July 31, 2008.

Samples were analyzed for more than 100 different parameters, including metals and organics. The report found that none of the parameters measured were detected in concentrations in excess of the NC water quality standards and, in most cases, the concentrations were below the method detection limit (i.e., the levels were so low that they could not be detected).

Discharge samples were collected by ENSR, a widely respected global environmental firm, at a water quality monitoring station approved by DWQ. The sampling was done in accordance with the study plan and the laboratory analysis was conducted by Columbia Analytical and Prism Laboratories, both North Carolina certified laboratories, following standard EPA methods.

APGI has now provided all of the information necessary for DWQ to evaluate its application for a new water quality certificate.

## Alcoa launches new blog

Alcoa has launched a new blog as part of its ongoing effort to keep North Carolina residents informed about the relicensing of the Yadkin Project. This blog – located at [www.yadkinproject.blogspot.com](http://www.yadkinproject.blogspot.com) – will provide regular updates about the relicensing and related issues. There is a feature that allows you to subscribe to a news feed that will notify you when new content is posted.

## On the Lakes

### Lakes return to normal after easing of severe drought

Water levels at Badin Lake and High Rock Lake have returned to normal following the easing of a severe drought that plagued the region throughout the summer. Water levels at both lakes have been above normal since Labor Day weekend and are currently 2-3 feet below full.

APGI resumed normal operations in late September with the support of the Federal Energy Regulatory Commission (FERC) and the Yadkin Drought Management Team.

Larry Jones, president of the High Rock Lake Association, commended APGI for its operation of the Yadkin Project during an October 9, 2008 meeting of the Yadkin Drought Management Team. He said the voluntarily implementation of the Low Inflow Protocol dramatically improved conditions during the drought, especially compared to the drought of 2002.

*Protecting water levels during*

---

## In the Community

### Alcoa celebrates "Month of Service" with local volunteer efforts

The month of October marks the third annual "Month of Service" for Alcoa. To celebrate the company's commitment to volunteer service, more than 16,000 Alcoa volunteers from around the world will participate in 450 community projects in 25 countries.

One of those projects will take place in Stanly County. A team of 10 Alcoa volunteers from Stanly County will help prepare a new homeless shelter under development in Albemarle. The shelter, scheduled to open in November, is a combined effort of Homes of Hope, Stanly Community Christian Ministry, Stanly Baptist Association and others. Stanly County is the only county in the area without some type of emergency housing.

In addition to Alcoa's volunteer service, the company will provide a \$3,000 ACTION grant to the shelter. Through the ACTION grant program, Alcoa provides non-profit organizations with the two things they need most — volunteer time and financial support. Alcoa has already completed three ACTION grant projects this year in Stanly County, contributing time and money to support the Crisis Council (\$3,000), the Special Olympics of Stanly County (\$3,000) and American Cancer Society (\$1,500).

"The Month of Service is an opportunity for Alcoa employees around the world to celebrate our commitment to the communities in which we live and work. We have a long tradition of supporting worthwhile organizations in Stanly County and across North Carolina," said Tommy Gibson, Alcoa community relations manager.

In addition to the local volunteer project, Alcoa will hold a special luncheon this month to honor community volunteers and recognize local organizations who have received a community grant from Alcoa, Alcoa Foundation and APGI this year. Alcoa has contributed more than \$148,000 to support dozens of local non-profit organizations this year.

As a company, Alcoa volunteers contributed 634,000 hours of voluntary service during the "Month of Service" last year. That is the equivalent of 362 volunteers working full-time.

"Alcoa's Month of Service is about achieving sustainable positive impact through our pursuit of excellence and building our collective year-round commitment to community service," said Klaus Kleinfeld, CEO and President of Alcoa.

---

## Did You Know?

### **drought**

Since the drought of 2002, APGI has been working closely with the State of North Carolina and others to determine how to minimize the impact of drought conditions. As a result, the Relicensing Settlement Agreement for the Yadkin Project includes a comprehensive Low Inflow Protocol that requires the larger storage reservoirs along the Yadkin River, including Badin and High Rock Lake, to help meet downstream flow requires. The concept: that multiple reservoirs should share the burden caused by drought.

This summer, APGI significantly reduced its power generation and received permission from FERC on two occasions to send less water downstream than our license requires. These voluntary measures helped protect water levels, especially compared to the 2002 drought.

The Low Inflow Protocol will officially take effect when APGI receives a new long-term license.

---

### **New license will offer recreational improvements**

When APGI receives a new long-term license for the Yadkin Project, it will spend about \$2 million a year to implement the provisions of the Relicensing Settlement Agreement. In addition, it will spend more than \$1 million to develop new recreational facilities and the upgrade many existing facilities.

Visitors to the Yadkin lakes can look forward to a new public swim area in Rowan County, new fishing piers at High Rock Lake and Tuckertown, improved fishing access in the tailwaters, new camp sites and much more.

In addition, APGI will donate land for the expansion of Morrow Mountain State Park in Stanly County and the development of a new public park along the Badin Lake waterfront. Additional land donations will allow for the

### Alcoa plays part in Nobel Peace Prize on Climate Change

Four Alcoa employees played a part in the United Nations Organization's Intergovernmental Panel on Climate Change's (IPCC) win of the Nobel Peace Prize in 2007. The IPCC, based in Switzerland, was awarded the Nobel Peace Prize for its efforts to build up and disseminate greater knowledge about man-made climate change and to lay the foundations for the measures that are needed to counteract such change. The IPCC jointly shared the prize with former U.S. Vice President Al Gore, Jr.

continued protection of and public access to the Eagle Point Nature Preserve in Rowan County.

This electronic newsletter is designed to keep the community informed about important issues related to the relicensing of the Yadkin Project.

- [Sign up for newsletter mailing list](#)
- [Share your feedback](#)
- [Download newsletter \[PDF\]](#)



## Balancing Energy Generation, Recreation *and* Environmental Resources