



# NRC NEWS

U.S. NUCLEAR REGULATORY COMMISSION

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## **NRC MEETING AUGUST 28, 30 IN SOUTH CAROLINA TO DISCUSS REVIEW PROCESS FOR EXPECTED NEW REACTOR APPLICATIONS**

Nuclear Regulatory Commission staff will conduct public meetings in Winnsboro, S.C., on Tuesday, Aug. 28, and in Gaffney, S.C., on Thursday, Aug. 30, to discuss how the agency will review expected Combined License (COL) applications for new reactors in the state.

The meeting in Winnsboro concerns an expected application from South Carolina Electric & Gas to build and operate two AP1000 reactors at the Summer site, located northwest of Columbia. The meeting in Gaffney concerns an expected application from Duke Energy to build and operate two AP1000 reactors at a site in Cherokee County.

“We’re expecting these applications and several others by the end of this year, and we’ll be ready to review them when they come in,” said William Borchardt, Director of the NRC’s Office of New Reactors. “These meetings will help the communities near the sites understand how we’ll go through this process and how they can participate and stay informed.”

The Winnsboro meeting will be held at Fairfield Central High School, 836 U.S. Highway 321 Bypass S, from 7 p.m. until 9:30 p.m. on Aug. 28. The Gaffney meeting will be held at the Restoration Church of Gaffney, 1905 N. Limestone St., from 7 p.m. until 9:30 p.m. on Aug. 30. NRC staff presentations will describe the overall Combined License review process, which includes safety and environmental assessments, as well as how the public can participate in the process. The NRC will host an open house for two hours prior to each meeting so members of the public have the opportunity to talk informally with agency staff.

A COL, if issued, is authorization from the NRC to construct and, with conditions, operate a nuclear power plant at a specific site and in accordance with laws and regulations. More information on the NRC’s new reactor licensing process is available on the agency’s Web site here: <http://www.nrc.gov/reactors/new-reactor-licensing.html>.

The AP1000 is one of four NRC-certified reactor designs that can be referenced in a COL. It is a 1,000 MWe advanced pressurized water reactor that incorporates passive safety systems and simplified system designs. The AP1000 is similar to another certified design, the AP600, but uses a longer reactor vessel to accommodate longer fuel, and also includes larger steam generators and a larger pressurizer.

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