



NRC NEWS

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Washington, DC. 20555-0001
www.nrc.gov ■ opa.resource@nrc.gov

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CONTACT: [Maureen Conley](#), 301-415-8200

NRC Makes Available Partial Construction Permit Application for TVA's Clinch River Small Modular Reactor

The Nuclear Regulatory Commission has received the first portion of a construction permit application from Tennessee Valley Authority for a GE-Hitachi BWRX-300 small modular reactor at the Clinch River Nuclear Site in Oak Ridge, Tennessee. The [application](#) is now available for public inspection on the NRC website.

TVA submitted the environmental report portion of the application on April 28. The BWRX-300 design would generate approximately 300 megawatts of electricity, using boiling-water reactor technology. TVA would have to submit an additional application in the future for permission to operate the facility.

NRC staff are reviewing the environmental report to determine if it is complete and acceptable for processing. If the partial application is determined to be sufficient, the staff will docket it and start a detailed technical review.

The NRC understands TVA plans to file the second portion of the Clinch River application, a preliminary safety analysis report, in several weeks. The NRC will perform an acceptance review for that report at that time. If both portions are accepted for review, the NRC will then publish a notice of opportunity to request an adjudicatory hearing on the application before the NRC's Atomic Safety and Licensing Board.

Information about TVA's Clinch River project is available on the NRC [website](#).