



# NRC NEWS

**U.S. NUCLEAR REGULATORY COMMISSION**

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## **NRC APPROVES POWER UPRATE FOR ARKANSAS NUCLEAR ONE, UNIT 2**

The Nuclear Regulatory Commission has approved a request by Entergy Nuclear Southwest to increase the generating capacity of the Arkansas Nuclear One Nuclear Power Plant, Unit 2, by 7.5 percent, or 64 megawatts.

The power uprate at the plant, near Russelleville, Arkansas, will increase the generating capacity of Unit 2 to 922 megawatts of electricity. The licensee intends to implement the power uprate during the current refueling and maintenance outage. The application for the power increase was submitted to the NRC on December 19, 2000.

The NRC's safety evaluation of the requested power uprate for the plant focused on several areas, including nuclear steam supply systems, instrumentation and control systems, electrical systems, accident evaluations, radiological consequences, operations and technical specification changes. The NRC staff determined that the licensee could safely increase the power output of the reactor primarily by using new fuel in the core and making certain plant modifications.

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