



# UNITED STATES NUCLEAR REGULATORY COMMISSION

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## NRC AUTHORIZES FULL POWER OPERATION OF MCGUIRE NUCLEAR STATION UNIT 1 IN NORTH CAROLINA

The Nuclear Regulatory Commission Office of Nuclear Reactor Regulation on July 8 amended Duke Power Company's operating license for Unit 1 of the William B. McGuire Nuclear Power Station to permit operation at full power. The facility is located on the shore of Lake Norman in Mecklenburg County, North Carolina, about 17 miles northwest of Charlotte.

Unit 1 uses a pressurized water reactor and at full power will have an electrical output of about 1180 megawatts. Unit 2, of similar size and design, is expected to be completed by June of 1982.

In a partial initial decision dated May 26, the Atomic Safety and Licensing Board which conducted a public hearing on Duke's application for operating licenses for both Units 1 and 2 authorized the NRC staff to issue full power, full term licenses for both units after making the further necessary findings. The NRC Commissioners conducted a review of that decision to determine whether it should become effective pending the appeal process. In a June 29 order, the Commission decided the decision should become effective with respect to operation of Unit 1 at full power.

Duke received a fuel loading and zero power testing license for Unit 1 in January and on June 12 was authorized to operate at five percent of full power. The newly amended license is a full term license which expires in February of the year 2013, or 40 years after the date the construction permit was issued.

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