

Mr. James E. Watson

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MAY 27 1970

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UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

TENNESSEE VALLEY AUTHORITY

(SEQUOYAH NUCLEAR PLANT UNIT 2)

DOCKET NO. 50-328

PROVISIONAL CONSTRUCTION PERMIT

Construction Permit No. CPPR-73

1. Pursuant to § 104 b. of the Atomic Energy Act of 1954, as amended (the Act), and Title 10, Chapter 1, Code of Federal Regulations, Part 50, "Licensing of Production and Utilization Facilities," and pursuant to the order of the Atomic Safety and Licensing Board, the Atomic Energy Commission (the Commission) hereby issues a provisional construction permit to the Tennessee Valley Authority (the applicant) for a utilization facility (the facility), designed to operate at 3411 megawatts (thermal), described in the application and amendments thereto (the application) filed in this matter by the applicant and as more fully described in the evidence received at the public hearing upon that application. The facility, known as Sequoyah Nuclear Plant Unit 2 will be located at the applicant's site on the west shore of Chickamauga Lake in Hamilton County, Tennessee.
2. This permit shall be deemed to contain and be subject to the conditions specified in § § 50.54 and 50.55 of said regulations; is subject to all applicable provisions of the Act, and rules, regulations and orders of the Commission now or hereafter in effect; and is subject to the conditions specified or incorporated below:
 - A. The earliest date for the completion of the facility is October 1, 1973, and the latest date for completion of the facility is April 1, 1974.
 - B. The facility shall be constructed and located at the site as described in the application in Hamilton County, Tennessee.
 - C. This construction permit authorizes the applicant to construct the facility described in the application and the hearing record in accordance with the principal architectural and engineering criteria set forth therein.

3. This permit is provisional to the extent that a license authorizing operation of the facility will not be issued by the Commission unless (a) the applicant submits to the Commission, by amendment to the application, the complete final safety analysis report, portions of which may be submitted and evaluated from time to time; (b) the Commission finds that the final design provides reasonable assurance that the health and safety of the public will not be endangered by the operation of the facility in accordance with procedures approved by it in connection with the issuance of said license; and (c) the applicant submits proof of financial protection and the execution of an indemnity agreement as required by § 170 of the Act.

4. Tennessee Valley Authority shall observe such Federal and State standards and requirements for the protection of the environment, including standards and requirements for the control of the thermal effects of the release of liquid effluents from the facility to the environment, as are validly imposed pursuant to authority established under Federal and State law and as are determined by the Commission to be applicable to the facility. This condition does not apply to radiological effects.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by
Peter A. Morris

Peter A. Morris, Director
Division of Reactor Licensing

Date of Issuance: MAY 27 1970

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NOS. 50-327 AND 50-328

TENNESSEE VALLEY AUTHORITY

NOTICE OF ISSUANCE OF PROVISIONAL CONSTRUCTION PERMITS

Notice is hereby given that, pursuant to the Initial Decision of the Atomic Safety and Licensing Board, dated May 25, 1970, the Director of the Division of Reactor Licensing has issued Provisional Construction Permits Nos. CPPR-72 and CPPR-73 to the Tennessee Valley Authority for the construction of two pressurized water nuclear reactors, designated as Sequoyah Nuclear Plant Units 1 and 2, on the applicant's site on the west shore of Chickamauga Lake in Hamilton County, Tennessee. The reactors are each designed for initial operation at approximately 3411 megawatts (thermal).

A copy of the Initial Decision is on file in the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by
Peter A. Morris

Peter A. Morris, Director
Division of Reactor Licensing

Dated at Bethesda, Maryland
this 27 day of May 1970