

JAN 23 1973

Docket Nos. 50-390  
and 50-391

Tennessee Valley Authority  
ATTN: Mr. James E. Watson  
Manager of Power  
818 Power Building  
Chattanooga, Tennessee 37401

Gentlemen:

The Atomic Energy Commission has issued Construction Permits Nos. CPPR-91 and CPPR-92 to the Tennessee Valley Authority authorizing construction of two pressurized water nuclear reactors, designated as the Watts Bar Nuclear Plant, Units 1 and 2.

Copies of the Construction Permits are enclosed, together with a related notice which has been transmitted to the Office of the Federal Register for filing and publication.

The Permits have been issued pursuant to the Initial Decision of the Atomic Safety and Licensing Board. A copy of the Decision is enclosed.

Sincerely,

Original signed by R. C. DeYoung

R. C. DeYoung, Assistant Director  
for Pressurized Water Reactors  
Directorate of Licensing

Enclosures:

1. Construction Permits Nos. CPPR-91 and CPPR-92
2. Federal Register Notice
3. Initial Decision (see hearing file)

cc: See next page

CF

OFFICE ▶						
SURNAME ▶						
DATE ▶						

cc w/encl:

Robert H. Marquis, Esquire  
 General Counsel  
 629 New Sprankle Building  
 Knoxville, Tennessee 37919

Honorable Dan Wade  
 County Judge  
 Rhea County, Tennessee

Mr. Walter Lambert, Director  
 Office of Urban and Federal Affairs  
 321 Seventh Avenue, North  
 Nashville, Tennessee 37219

Mr. Francis P. Jung, Acting Director  
 Division of Radiological Health  
 Tennessee Department of Public Health  
 727 Cordell Hull Building  
 Nashville, Tennessee 37219

bcc:

H. J. McAlduff, ORO  
 H. Mueller, GMR/H  
 J. A. Haris, IS  
 J. R. Buchanan, ORNL  
 T. W. Laughlin, DTIE  
 A. S. Rosenthal, ASLAB  
 N. H. Goodrich, ASLBP  
 F. W. Karas, SEDC  
 ST. George T. Arnold, ORNL

Distribution  
 AEC PDR  
 Local PDR  
 Dockets  
 LReading  
 RP Reading  
 PWR-2 Reading  
 JScinto, OGC  
 R. S. Boyd  
 RO (3)  
 NDube  
 MJinks (w/2 encl)  
 RCDeYoung  
 DSkovholt  
 PCollins  
 PWR Branch Chiefs  
 Chebron, DRA  
 DNussbaumer, F&M  
 JDelaney, F&M  
 Jsaltzman, A&I  
 PCheck  
 MService (2)  
 W Miller, OR

CRESS#03	L:PWR-2	L:PWR-2	L:PWR-2	L:AD/PWR		
MC#218255	MService:Db	Pcheck	KKniel	RCDeYoung		
11/28/72	11/29/72	11/30/72	11/30/72	11/18/72		
OFFICE						
NAME						
DATE						



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

TENNESSEE VALLEY AUTHORITY

WATTS BAR NUCLEAR PLANT UNIT 1

DOCKET NO. 50-390

CONSTRUCTION PERMIT

Construction Permit No. CPPR-91

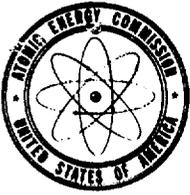
1. Pursuant to Section 103 of the Atomic Energy Act of 1954, as amended (the Act), and Title 10, Chapter 1, Code of Federal Regulations, Part 50, "Licensing of Production and Utilization Facilities," and pursuant to the Initial Decision of the Atomic Safety and Licensing Board, the Atomic Energy Commission (the Commission) hereby issues a 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 the Watts Bar Nuclear Plant, Unit 1, will be located on the applicant's site in Rhea County, Tennessee.
2. This permit shall be deemed to contain and be subject to the conditions specified in Sections 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 Unit No. 1 of the facility is February 1, 1976, and the latest date for completion is August 1, 1976.
  - B. The facility shall be constructed and located at the site as described in the application, in Rhea 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.

- D. In view of the fact that the Attorney General has not recommended an antitrust hearing in this matter, that no antitrust issues have been raised by another in a manner according with the Commission's Rules of Practice, and that no finding has been made that an antitrust hearing is otherwise required (10 CFR, Part 2 §2.104(d) ), antitrust review of the application for this construction permit under Section 105c of the Atomic Energy Act of 1954, as amended, has been completed and a hearing thereon determined to be unnecessary.
3. This permit is subject to the limitation 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 Section 170 of the Act.

Dated at Bethesda, Maryland, this 23<sup>rd</sup> day of January, 1973.

FOR THE ATOMIC ENERGY COMMISSION

*A. Giambusso*  
A. Giambusso, Deputy Director  
for Reactor Projects  
Directorate of Licensing



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

TENNESSEE VALLEY AUTHORITY

WATTS BAR NUCLEAR PLANT UNIT 2

DOCKET NO. 50-391

CONSTRUCTION PERMIT

Construction Permit No. CPPR-92

1. Pursuant to Section 103 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 Initial Decision of the Atomic Safety and Licensing Board, the Atomic Energy Commission (the Commission) hereby issues a 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 the Watts Bar Nuclear Plant, Unit 2, will be located on the applicant's site in Rhea County, Tennessee.
2. This permit shall be deemed to contain and be subject to the conditions specified in Sections 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 Unit No. 2 of the facility is November 1, 1976, and the latest date for completion is May 1, 1977.
  - B. The facility shall be constructed and located at the site as described in the application, in Rhea 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.

- D. In view of the fact that the Attorney General has not recommended an antitrust hearing in this matter, that no antitrust issues have been raised by another in a manner according with the Commission's Rules of Practice, and that no finding has been made that an antitrust hearing is otherwise required (10 CFR, Part 2 §2.104(d) ), antitrust review of the application for this construction permit under Section 105c of the Atomic Energy Act of 1954, as amended, has been completed and a hearing thereon determined to be unnecessary.
3. This permit is subject to the limitation 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 Section 170 of the Act.

Dated at Bethesda, Maryland, this 23<sup>rd</sup> day of January, 1973.

FOR THE ATOMIC ENERGY COMMISSION

*A. Giambusso*

A. Giambusso, Deputy Director  
for Reactor Projects  
Directorate of Licensing

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NOS. 50-390 AND 50-391

WATTS BAR NUCLEAR PLANT, UNITS 1 AND 2

NOTICE OF ISSUANCE OF CONSTRUCTION PERMITS

Notice is hereby given that, pursuant to the Initial Decision of the Atomic Safety and Licensing Board dated December 19, 1972, the Deputy Director for Reactor Projects, Directorate of Licensing, has issued Construction Permits Nos. CPPR-91 and CPPR-92 to the Tennessee Valley Authority for construction of two pressurized water nuclear reactors on the applicant's site in Rhea County, Tennessee. The site is located on the west bank of the Tennessee River, approximately fifty miles northeast of Chattanooga. The proposed reactors, designated as the Watts Bar Nuclear Plant, Units 1 and 2, have a rated thermal output of 3411 megawatts each.

Copies of the Initial Decision and construction permits are available for public inspection in the Commission's Public Document Room, 1717 H Street, NW, Washington, D. C., and at the Dayton Public Library, First Avenue, Dayton, Tennessee 37321. Copies of the construction permits may be obtained upon request addressed to the U.S. Atomic Energy Commission, Washington, D. C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing.

Dated at Bethesda, Maryland, this 23 day of January, 1973.

FOR THE ATOMIC ENERGY COMMISSION

Original signed by R. C. DeYoung

R. C. DeYoung, Assistant Director  
for Pressurized Water Reactors  
Directorate of Licensing