



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 7, 1996

Mr. Oliver D. Kingsley, Jr.  
President, TVA Nuclear and  
Chief Nuclear Officer  
Tennessee Valley Authority  
6A Lookout Place  
1101 Market Street  
Chattanooga, Tennessee 37402-2801

SUBJECT: ISSUANCE OF FACILITY OPERATING LICENSE NO. NPF-90, WATTS BAR  
NUCLEAR PLANT, UNIT 1 (TAC M94025)

Dear Mr. Kingsley:

The U. S. Nuclear Regulatory Commission (NRC) has issued Facility Operating License No. NPF-90 (Enclosure 1), with the Technical Specifications (Appendix A), and the Environmental Protection Plan (Appendix B), for Watts Bar Nuclear Plant, Unit 1.

The technical basis for the license is included in the "Safety Evaluation Report Related to the Operation of Watts Bar Nuclear Plant, Units 1 and 2" (NUREG-0847), and Supplements 1 through 20. Supplement 20 (Enclosure 2) provides a concluding statement that Unit 1 is ready for a full-power operating license.

Enclosure 3 is a copy of a related Federal Register notice, the original of which has been sent to the Office of the Federal Register for publication.

Two copies of Amendment No. 5 to Indemnity Agreement No. B-88 are included as Enclosure 4. Please countersign both copies and return one signed copy to this office.

Sincerely,

  
Steven A. Varga, Director  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

- Enclosures:
1. Facility Operating License No. NPF-90,  
with Appendices A and B
  2. Supplement No. 20 to NUREG-0847
  3. Federal Register Notice
  4. Amendment No. 5 to Indemnity Agreement  
No. B-88 (two copies)

cc w/Enclosure 1 (w/o Appendices A and B): See next page

Mr. Oliver D. Kingsley, Jr.  
Tennessee Valley Authority

cc:

Mr. O. J. Zeringue, Sr. Vice President  
Nuclear Operations  
Tennessee Valley Authority  
3B Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

Dr. Mark O. Medford, Vice President  
Engineering & Technical Services  
Tennessee Valley Authority  
3B Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

Mr. D. E. Nunn, Vice President  
New Plant Completion  
Tennessee Valley Authority  
3B Lookout Place  
1101 Market Street  
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Mr. J. A. Scalice, Site Vice President  
Watts Bar Nuclear Plant  
Tennessee Valley Authority  
P.O. Box 2000  
Spring City, TN 37381

General Counsel  
Tennessee Valley Authority  
ET 11H  
400 West Summit Hill Drive  
Knoxville, TN 37902

Mr. P. P. Carier, Manager  
Corporate Licensing  
Tennessee Valley Authority  
4G Blue Ridge  
1101 Market Street  
Chattanooga, TN 37402-2801

Mr. B. S. Schofield  
Site Licensing Manager  
Watts Bar Nuclear Plant  
Tennessee Valley Authority  
P.O. Box 2000  
Spring City, TN 37381

TVA Representative  
Tennessee Valley Authority  
11921 Rockville Pike  
Suite 402  
Rockville, MD 20852

## WATTS BAR NUCLEAR PLANT

Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW., Suite 2900  
Atlanta, GA 30323

Senior Resident Inspector  
Watts Bar Nuclear Plant  
U.S. Nuclear Regulatory Commission  
1260 Nuclear Plant Road  
Spring City, TN 37381

The Honorable Robert Aikman  
County Executive  
Rhea County Courthouse  
Dayton, TN 37321

The Honorable Garland Lanksford  
County Executive  
Meigs County Courthouse  
Decatur, TN 37322

Mr. Michael H. Mobley, Director  
Division of Radiological Health  
3rd Floor, L and C Annex  
401 Church Street  
Nashville, TN 37243-1532

Ms. Michelle Neal  
Energy Project  
The Foundation for  
Global Sustainability  
P.O. Box 1101  
Knoxville, TN 37901

Ms. Ann Harris  
305 Pickel Road  
Ten Mile, TN 37880

Ms. Beth Zilbert, Energy Campaigner  
Greenpeace  
20 13th Street, NE.  
Atlanta, GA 30309

Mr. James P. Riccio  
Public Citizen  
4340 Georgetown Square, #612  
Atlanta, GA 30338

Distribution w/enclosures:

Docket File

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Distribution w/Enclosure 1 w/o Appendices A and B:

W. Russell/F. Miraglia

J. Zwolinski

OC/LFDCB

ACRS

C. Grimes

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