

**Note: Changes made to the Draft SEIS are indicated by  
a vertical bar in the left margin**

# **FINAL SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT**

**for**

## **Operating License Renewal**

**of the**

## **Browns Ferry Nuclear Plant**

**in**

## **Athens, Alabama**

**TENNESSEE VALLEY AUTHORITY  
March 2002**



# FINAL SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT

## March 2002

**Responsible Federal Agency:** Tennessee Valley Authority

**Title:** Final Supplemental Environmental Impact Statement (FSEIS) for Operating License Renewal of the Browns Ferry Nuclear Plant in Athens, Alabama

**Abstract:** The Tennessee Valley Authority (TVA) proposes to extend operation of Units 1, 2 and 3 at its Browns Ferry Nuclear Plant (BFN) located in Limestone County, Alabama. This would require obtaining a renewal of the units' operating licenses from the Nuclear Regulatory Commission (NRC). Renewal of the licenses would permit operation for an additional 20 years past the current (original) 40-year operating license terms which expire in 2013, 2014, and 2016, for Units 1, 2, and 3, respectively.

This SEIS was prepared to provide the public and TVA decision-makers an assessment of the environmental impacts of extending unit operation. License renewal by itself involves existing BFN facilities, and does not involve any new construction or modifications beyond normal maintenance and minor refurbishment. However, there are other proposed projects not directly related to license renewal. One of these projects is the recovery of Unit 1, which has been in a non-operational status for 15 years. Other projects include the addition of a dry cask storage facility for spent nuclear fuel and a few new office buildings.

**Public Involvement:** The Notice of Intent was published in the February 15, 2001, *Federal Register*. A public scoping meeting was held on March 6, 2001, in Decatur, Alabama, in the Aerospace Technology Building on the campus of Calhoun Community College. Comments and suggestions received at that meeting and during the scoping period were used to identify the scope of the Draft SEIS. The Notice of Availability of the Draft SEIS was published in the December 14, 2001, *Federal Register*. A second public meeting was held on January 17, 2002, also at Calhoun Community College, to provide the public the opportunity to comment on the Draft SEIS. The public comment period was from December 14, 2001, to January 30, 2002. Comments received from the public were considered in completing this Final SEIS. TVA is also requesting comment on the Final SEIS. Comments on the final must be received on or before May 6, 2002, to ensure consideration.

**Electronic and Additional Documents:** An electronic version of this SEIS will be available on TVA's website (<http://www.tva.gov/environment/reports/index.htm>). Requests for hard copies of the original 1972 Environmental Statement should be directed to Don Snodgrass at (256)386-2787, or by e-mail at [dwsnodgrass@tva.gov](mailto:dwsnodgrass@tva.gov).

<b>Comments on this Final SEIS should be directed to:</b>
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