

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 30-19101 (50-327 and -328)TENNESSEE VALLEY AUTHORITYNOTICE OF ISSUANCE OF MATERIALS LICENSE, SAFETY EVALUATION REPORT,
ENVIRONMENTAL IMPACT APPRAISAL, AND NEGATIVE DECLARATION
FOR THE ONSITE STORAGE OF LOW-LEVEL RADIOACTIVE WASTE
AT THE SEQUOYAH NUCLEAR PLANT

The U.S. Nuclear Regulatory Commission (the Commission) has issued Materials License No. 41-08165-14 to the Tennessee Valley Authority (TVA or licensee) authorizing the receipt, possession, storage and transfer of low-level radioactive waste (LLRW) at its onsite LLRW Storage Facility at the Sequoyah Nuclear Plant (SNP) located in Hamilton County, near Chattanooga, Tennessee. The license authorizes the storage of up to five years of LLRW generated from the operation of the SNP. The license is effective as of the date of issuance and the term of the license is five years.

Application for storage of LLRW at the SNP was made by TVA as an amendment to the facility operating license No. DPR-77. Notice of receipt of the application and offering an opportunity for public participation in connection with the action was published in the Federal Register on March 5, 1981 (46 FR 15390). For administrative purposes the application has been reviewed and the license issued pursuant to 10 CFR Part 30 of the Commission's regulations.

8210120535 820917
NMS LIC30
41-08165-14 PDR

The application for amendment to the facility operating license complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations. The Commission has made appropriate findings as required by the Act and the Commission's Regulations in 10 CFR Chapter 1, which are set forth in the license.

The Commission's Office of Nuclear Materials Safety and Safeguards, Division of Fuel Cycle and Material Safety, has completed its safety and environmental reviews in support of the issuance of Materials License No. 41-08165-14. Two staff documents, the Safety Evaluation Report and the Environmental Impact Appraisal of Low-Level Radioactive Waste Storage at Tennessee Valley Authority Sequoyah Nuclear Plant, have been issued.

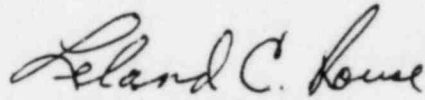
The environmental appraisal, "Environmental Impact Appraisal of Low-Level Radioactive Waste Storage at Tennessee Valley Authority Sequoyah Nuclear Plant," was issued in accordance with 10 CFR Part 51. The Environmental Impact Appraisal concluded that the issuance of the proposed license will not significantly affect the quality of the human environment and that there will be no significant environmental impact from the issuance of the proposed license. Based on this appraisal, the Commission therefore concludes that this Negative Declaration is appropriate and an environmental impact statement for this particular license is not warranted.

The Commission's Safety Evaluation Report, dated September 1982, and Environmental Impact Appraisal, dated September 1982, are available for public inspection at the Commission's Public Document Room 1717 H Street, N.W., Washington, D.C. and at the Local Public Document Room for TVA's Sequoyah

Nuclear Plant at the Chattanooga-Hamilton County Public Bicentennial Library, 1001 Broad Street, Chattanooga, Tennessee. A copy of these reports may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Fuel Cycle and Material Safety.

Dated at Silver Spring, Maryland this 17th day of September, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION



Leland C. Rouse, Chief
Advanced Fuel and Spent Fuel
Licensing Branch
Division of Fuel Cycle and
Material Safety, NMSS