

REQUEST FOR RECORDS DISPOSITION AUTHORITY		LEAVE BLANK (NARA use only)	
TO: NATIONAL ARCHIVES and RECORDS ADMINISTRATION (NIR) WASHINGTON, DC 20408		JOB NUMBER <i>N1-142-99-14</i>	
1. FROM (Agency or establishment)		DATE RECEIVED <i>9/13/1999</i>	
TENNESSEE VALLEY AUTHORITY		NOTIFICATION TO AGENCY	
2. MAJOR SUBDIVISION RIVER SYSTEM OPERATIONS AND ENVIRONMENT		In accordance with the provision of 44 U.S.C. 3303a the disposition request, including amendments, is approved except for any items that be marked "disposition not approved" or "withdrawn" in column to	
3. MINOR SUBDIVISION			
4. NAME OF PERSON WITH WHOM TO CONFER	5. TELEPHONE	DATE	ARCHIVIST OF THE UNITED STATES
VICKI CALLAHAN	423-751-6249	<i>6-6-01</i>	<i>[Signature]</i>
6. AGENCY CERTIFICATION I hereby certify that I am authorized to act for this agency in matters pertaining to the disposition of its records and that the records proposed on the attached (<u>5</u> page(s)) are not now needed for the business of this agency or will not be needed after the retention periods specified; and that written concurrence from the General Accounting Office, under the provisions of Title 8 of the GAO Manual for Guidance of Federal Agencies, <input checked="" type="checkbox"/> is not required; <input type="checkbox"/> is attached; or <input type="checkbox"/> has been requested.			
DATE	SIGNATURE OF AGENCY REPRESENTATIVE	TITLE	
<i>7/23/99</i>	<i>Georgia S. [Signature]</i>	ASSISTANT TVA ARCHIVIST	
7. ITEM NO.	8. DESCRIPTION OF ITEM AND PROPOSED DISPOSITION	9. GRS OR SUPERSEDED JOB CITATION	10. ACTION TAKEN (NARA USE ONLY)
	<p>See the attached three items as follows:</p> <ol style="list-style-type: none"> 1. Project Planning Project Files 2. Engineering Laboratory Project Files 3. Engineering Laboratory Testing and Development Audiovisual Records <p>The Project Planning Project Files are being submitted as a new item. Engineering Laboratory Project Files were previously approved by NARA job No. N1-142-88-10, Item 1. Engineering Laboratory Testing and Development Audiovisual Records were previously approved by NARA job No. N1-142-88-10, Item 5.</p>		

JH
6/8/01
[Handwritten notes]

1. PROJECT PLANNING PROJECT FILES

The Project Planning Branch in Water Control Planning conducted field investigations and made engineering, economic, and environmental impact studies to develop and evaluate alternative plans for water resources conservation, management, or development; it made assessments of the region's needs for such measures, based on population and water-use trends. These investigations and analyses were conducted both for potential TVA projects and for providing technical assistance to appropriate state and local organizations. In carrying out its functions the branch worked closely with other branches of the division and other interested TVA organizations to ensure that its planning reflected the broad TVA program interest and that contacts with organizations outside TVA were handled through appropriate intergovernmental channels.

In planning water projects the branch established the scope and general features including (1) location of dam sites; (2) reservoir operating levels; (3) discharge capacities of spillways and sluiceways; (4) size number, and characteristics of generating or pumping units; (5) land requirements; and (6) plans for reservoir or project operation. It summarized these investigations, with economic and program analyses, in planning reports which set out comprehensive proposed hydro dam and pumped-storage power projects and participated in reservoir operation studies for potential operating changes in the TVA water control system and studies for use in allocating the investment in TVA's multiple-purpose system. It participated in or performed field exploration and investigation work needed and requested by other offices and divisions in planning engineering projects, and participated in review of other plans which might have affected water resources planning interests, including those submitted to TVA for review under Section 26a of the TVA Act.

The branch also made engineering investigations of community water and sewage problems arising from reservoir construction and, upon the basis of preliminary plans coordinated with the Division of Engineering Design, conducted negotiations for the correction of such problems. As appropriate it made engineering studies in cooperation with the Division of Navigation Development and Regional Studies and the of Tributary Area Development to provide technical assistance to local governments in the preparation of water and sewer grid system plans and plans for the disposal of solid wastes in sanitary landfills.

The branch presented organized flood data to state and local groups and planning agencies to encourage their assumption of responsibility for or participation in local flood damage prevention by means of zoning, structures, or other appropriate means; made available preliminary estimates and comprehensive reports for specific localities to assist them in understanding and appraising means and methods of flood relief; participated in developing or arranging provision of technical aid, analyses, and advice to further these ends; furnished flood hazard

information to Federal agencies as required by Executive Order 11296; and developed comprehensive related proposals, such as a Valley-wide programs for flood damage abatement involving state agency participation.

It also arranged for archaeological investigations in areas where TVA projects were being considered or planned.

The majority of the records found in these project files may be found in other official files such as Water Quality in Environmental Planning, Power System Operations Files, and Engineering Design & Construction files, etc., but would not be pulled together in a project file such as these. These project files include correspondence, photographs, drawings, data, graphs, tests, feasibility reports, schemes, studies, investigations, cost estimates, penciled notes, penciled drawings, geology reports, and computer plots. Also included are records on the development of Water Resources of the Tennessee Valley and Small Hydro Program files.

Some of the projects included are: Wheeler, Wilson, Nickajack, Norris, Nottely, Ocoee, Pigeon River, Raccoon Mountain, South Holston, Guntersville, Hales Bar Saltville, Surgoinsville, Hiwassee, Melton Hill, Nemo-Emory River, Austral, Bear Creek, Beech River, Blue Ridge, Boone, Chatuge, Cherokee, Chickamauga, Chilhowee, Nottely, Duck River, Columbia, Normandy, Green River, Toccoa, Little Tennessee, Nolichucky, Sequatchie, Little Sequatchie, Tuckasegee, Upper Little Tennessee, Watauga, Upper French, Hiwassee & Lower Hiwassee, Holsten, South Fork, North Fork, Cumberland, Ohio River, Elk and Emory, French Broad, Clinch, Cane Creek, and Cedar Creek .

Also included in this series are "blue books" of the various projects which are the final project report and were prepared by Water Control Planning Department in Project Planning Division.

The records date from 1935 to 1978. The file was discontinued in 1978. The file is arranged alphabetically by project name. There are approximately 1,050 cu. ft.

DISPOSITION

- A. PERMANENT. Transfer to NARA upon approval of this schedule.
- B. Records with no archival value.

Dispose of nonarchival records during archival processing.

2. ENGINEERING LABORATORY PROJECT FILES

The engineering Laboratory provides research and development services to offices and divisions and to outside agencies or institutions. These activities are primarily in the fields of fluid dynamics, heat transfer, geohydrology, and water resource planning and management. Research project variety ranges from mathematical simulation methods to experimental laboratory techniques to field investigations planned and conducted in coordination with field operations personnel.

The Engineering Laboratory makes operational planning studies of the reservoir system and assists in developing improved methods and techniques used in daily streamflow and reservoir elevation forecasting required for operation. It recommends and conducts applied research in river and reservoir hydraulics and in the development an application of improved methods for routing flood waves and power transients. It plans and develops mathematical water resource management methods using new research results and evaluates applications having potential for optimum operation of the total reservoir system for all purposes.

Project Files are maintained on individual projects such as:

- Nuclear Plants including Browns Ferry, Sequoyah, Watts Bar, Bellefonte, Phipps Bend, and Hartsville
- Fossil and Hydro Plants such as Widows Creek, John Sevier, Watts Bar, Chickamauga, and Douglas
- Pump Storage Projects including Raccoon Mountain
- Special Projects such as Clinch River Breeder Reactor; Coors Distillery; and Lee County, Mississippi.

These files are maintained for research studies requested from other TVA organizations and outside organizations. Included are the following types of information:

- Raw field data gathered by engineers for individual projects
- Original Model Studies - Consists of data books, graphs, drawings, charts, and engineering data of various studies performed at TVA Projects. Some examples are: Spillway Ratings, Turbine Bypass Ratings, Reservoir Temperatures, Hydraulic Model Studies, Lumnite Sample Tests, etc. These records provide reference for evaluations of past and future projects. They are arranged alphabetically by project. The inclusive dates are 1935 and continuing. The 1988 volume is approximately 618 cu. ft. The annual rates of accumulation varies according to number of studies requested. 18 cubic feet of these records dating from 1935-1965 were shipped to the Federal Records Center in 1974. The accession number is 75A595.
- Preliminary reports and reference copies of technical reports
- Copies of final reports of individual studies - Originals are scheduled as a separate series

These project files comprise the background research files for final reports. The 1988 volume was approximately 815.8 cubic feet. The estimated annual accumulation varies according to number of studies requested.

This schedule was previously approved under Job No. N1-142-88-10, Item 1.

DISPOSITION

A. Record

Destroy upon termination of facility or transfer to new custodian upon completion of sale, trade, or donation proceeding.

B. Electronic copies created on electronic mail and word processing systems

Delete after recordkeeping copy as been produced unless needed longer for revision or dissemination.

3. ENGINEERING LABORATORY TESTING AND DEVELOPMENT AUDIOVISUAL RECORDS

Film and prints of model and prototype testing, field testing, and of actual TVA projects. The tests are performed by TVA's Engineering Laboratory engineers upon request from other TVA organizations or from outside organizations. Some examples of the types of tests are: Environmental effects on projects, spillway operations, operation of sluices, flood incidents, drowning investigations, etc. These files consist of prints, negatives, video tapes, 35 mm movies, and slides.

DISPOSITION

~~A. Motion Pictures~~

~~Destroy when 2 years old or when no longer needed.~~

~~(GRS 21, item 12)~~

B. Video Recordings

Destroy when 2 years old or when no longer needed.

(GRS 21, item 19)

C. Slides, Still Pictures, and Negatives

1. Photos that substantially document the project

PERMANENT. Transfer to the National Archives when 30 years old.

~~(N1 142-88-10, item 5)~~

2. Unidentified photos or highly technical photos of routine activities, and other nonarchival photos.

Destroy upon approval if not donated..