

REQUEST FOR RECORDS DISPOSITION AUTHORITY <i>(See Instructions on reverse)</i>		LEAVE BLANK (NARA use only)	
TO: NATIONAL ARCHIVES and RECORDS ADMINISTRATION (NIR) WASHINGTON, DC 20408		JOB NUMBER <i>N1-142-92-21</i>	
1. FROM (Agency or establishment) TENNESSEE VALLEY AUTHORITY		DATE RECEIVED <i>5-29-92</i>	
2. MAJOR SUBDIVISION RESOURCE GROUP		NOTIFICATION TO AGENCY In accordance with the provisions of 44 U.S.C. 3303a the disposition request, including amendments, is approved except for items that may be marked "disposition not approved" or "withdrawn" in column 10.	
3. MINOR SUBDIVISION RIVER BASIN OPERATIONS, DATA SYSTEMS DEPARTMENT			
4. NAME OF PERSON WITH WHOM TO CONFER LINDA E. BLEVINS	5. TELEPHONE 615-751-2524		
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 for disposal on the attached <u>2</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 <i>9-19-96</i>	ARCHIVIST OF THE UNITED STATES <i>John W. Carl</i>
DATE <i>5/12/92</i>	SIGNATURE OF AGENCY REPRESENTATIVE <i>Linda E. Blevins</i>	TITLE 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 GRS OR SUPERSEDED JOB CITATION	10.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)
1	Data Systems (formerly Hydraulic Data and Data Services) Technical File (see attached pages)		

OCT - 8 1996 *copy to Agency, NS, FNS, NCF*

DATA SYSTEMS (FORMERLY HYDRAULIC DATA AND DATA SERVICES) TECHNICAL FILE

This series contains the Data Systems' technical records dated 1937 and continuing. The Water Control Planning Department, Hydraulic Data Division was created on September 1, 1937. It was responsible for streamflow and rainfall measurements in cooperation with the U.S. Geological Survey and U.S. Weather Bureau. It made river gage forecasts, silt investigations, spring measurements, stream pollution analyses, and evaporation measurements. It also maintained a laboratory for hydraulic model and soil testing. Although this program has been moved organizationally several times, the program has not changed, and the records are an ongoing series.

This file is maintained in a system that is often referred to as the Albert S. Frye filing system. Mr. Frye, a TVA engineer, designed the system which uses alpha-numeric classification symbols, with the alphabetic prefix being ASF which were his initials. As reorganizations occurred, the prefix was changed to HD (Hydraulic Data) and then DS (Data Services) to reflect the initials of the new organization. The numeric symbols have remained the same. Also included are some records dated prior to 1937 acquired from the United States Engineering Department (USED), the forerunner of the Corps of Engineers. There are index cards filed alphabetically by subject that lead to the numeric files. The records dated 1937 through 1988 were filed by numeric code, and later they switched and filed by date then numeric code. They later switched back to filing by the numeric code.

On March 15, 1948, the Hydraulic Data Division was reorganized and became a branch of the Division of Water Control Planning. The Branch secured and analyzed basic engineering data in the field of hydraulics, hydrology, and meteorology. They made reports to TVA divisions and outside cooperative agencies for use in projects concerned with water control in river channels or on land; conducted experiments on models in the hydraulic laboratory to determine proper hydraulic characteristics for design of structures, and investigated the behavior of such structures after construction. They investigated damages and damage claims resulting from flooded agricultural land; and investigated the effect of reservoirs on stream pollution.

On July 1, 1975, another reorganization occurred. The division was renamed the Division of Water Management-Data Services Branch. This branch obtained and validated basic data in hydraulic, hydrologic, meteorologic, environmental, and related fields for use in planning, designing, and operating hydro-generating plants, fossil and nuclear generating stations, flood control projects, and for other purposes. It developed, designed, fabricated, installed, operated, and maintained electronic instrumentation systems for gathering hydrologic and other related data for the purposes of reservoir and plant operations and for meeting certain environmental protection standards.

On June 19, 1979, the Division of Water Management became the the Division of Natural Resources Services-Data Services Branch. On January 26, 1981, the name was changed to the Division of Natural Resource Operations-Data Services Branch. On October 1, 1983, the name was changed to the Office of Natural Resource and Economic Development-Division of Services and Field Operations-Resources Services-Data Services Branch. In 1988, the name was changed to Resource Group, River Basin Operations, System Engineering, Data Systems Department. The functions remained the same during all of these reorganizations.

This file contains the following types of records: profiles, cross sections, computations, photographs, flood histories, and correspondence related to the projects. Although this file was never broken, in October 1979 the profiles and cross sections began to be maintained by the engineers in the work areas. The correspondence and other records related to the work continued to be filed into the Technical File until a 1988 reorganization. After the 1988 reorganization, a combined official file was begun for all Systems Engineering organizations, and the Data Systems correspondence is filed into this Systems Engineering file. The cross sections and profiles continue to be filed in the work areas. The Systems Engineering file will be scheduled at a later date. The volumes are shown in the disposition with each segment of the records; however, the approximate total volume through 1991 is 250 cubic feet. Temporary administrative records will be purged from the file prior to transfer to a record center.

DISPOSITION

A. Data Systems file material (1937-88)

1. All Data Systems file material located in Technical File except bottom file drawers - Volume: 120 cubic feet.

~~PERMANENT~~ Retire to Knoxville Records Center upon approval of ^{or administrative} schedule. ~~Destroy in Agency~~ ^{purposes} when no longer needed for reference, ^{or administrative} not purposes to exceed the end of the program. Review every 5 years to evaluate continuing reference needs.

2. Bottom drawers of Data Systems File (This material was damaged by water, mold, and mildew in 1989) - Volume: 39 cubic feet.

~~PERMANENT~~ ^{Destroy in Agency when no longer needed for reference or administrative purposes, not to exceed the end of the program.} ~~Transfer to NARA upon approval of schedule~~ (The Southeastern Branch of the National Archives has agreed to clean and maintain these records to prevent return of the mold and mildew. They will return them to TVA if the reference activity is high enough.)

3. Hydraulic Data/Data Services file material located at Norris. This material was removed from the file several years ago and is stored at the Baxter Building in Norris. - Volume: Approximately 50 cubic feet.

~~PERMANENT~~ Retire to the Knoxville Records Center upon approval of ^{or administrative} schedule. ~~Destroy in Agency~~ ^{purposes} when no longer needed for reference, ^{or administrative} not purposes to exceed the end of the program. Review every 5 years to evaluate continuing reference needs.

- ### B. Profiles and Cross Sections dated 1979 and continuing located in Data Systems work areas. - Volume: approximately 50 cubic feet.

~~PERMANENT~~ Retire to the Knoxville Records Center when no longer needed for reference. ~~Destroy in Agency~~ ^{or administrative} when no longer needed for reference, ^{or administrative} not purposes to exceed the end of the program. Review every 5 years to evaluate continuing reference needs.

- ### C. Finding Aids (Classification Manual and Index Cards)

~~PERMANENT~~ ^{Destroy in Agency when no longer needed for reference or administrative purposes.} ~~Transfer to NARA with related records.~~