

REQUEST FOR RECORDS DISPOSITION AUTHORITY
(See Instructions on reverse)

LEAVE BLANK	
JOB NO	NCI-142-83-3
DATE RECEIVED	10-15-82
NOTIFICATION TO AGENCY	
In accordance with the provisions of 44 U.S.C. 3303a the disposal request including amendments is approved except for items that may be stamped "disposal not approved" or "withdrawn" in column 10	
3-8-83 Date	<i>[Signature]</i> Archivist of the United States

TO **GENERAL SERVICES ADMINISTRATION,
NATIONAL ARCHIVES AND RECORDS SERVICE, WASHINGTON, DC 20408**

1 FROM (AGENCY OR ESTABLISHMENT)
Tennessee Valley Authority

2 MAJOR SUBDIVISION
Office of Power

3 MINOR SUBDIVISION
Division of Nuclear Power

4 NAME OF PERSON WITH WHOM TO CONFER
Ronald E. Brewer

5 TEL EXT
FTS 858-2520

6 CERTIFICATE OF AGENCY REPRESENTATIVE

I hereby certify that I am authorized to act for this agency in matters pertaining to the disposal of the agency's records, that the records proposed for disposal in this Request of 3 page(s) are not now needed for the business of this agency or will not be needed after the retention periods specified

A Request for immediate disposal

B Request for disposal after a specified period of time or request for permanent retention

C DATE 10/20/82	D SIGNATURE OF AGENCY REPRESENTATIVE <i>Ronald E. Brewer</i>	E TITLE Assistant TVA Archivist
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7 ITEM NO	8 DESCRIPTION OF ITEM (With Inclusive Dates or Retention Periods)	9 SAMPLE OR JOB NO	10 ACTION TAKEN
	<p align="center"><u>RECORDER CHARTS</u></p> <p>Recorder charts are records furnishing documentary evidence of how a nuclear power plant has been operated. The charts are prepared automatically and continuously by instruments installed at various locations on vital and nonvital generating equipment and related equipment and structures. Data recorded supplies information about the operating condition of the primary generating and secondary auxiliary equipment necessary to substantiate safe operation of the plant. Data recorded includes information such as: containment humidity, steam flow and level, total power, vibration level, temperature, turbine speed, generation load, hotwell level, and air particles. A chart generally lasts about 30 days on each instrument with the exception of certain charts which are periodically cut according to special operating instructions set forth in the plant controlling documents.</p>		<i>5 items</i>

115-107
done 7-19-83

*to agency, by RTB, 3/9/83
to HKRA + HKR, 3/10/83*

MDC sheet not required

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1	<p>Recorder charts furnish documentary evidence of the quality of items and activities affecting quality when the charts are complete. They also show evidence that an activity was performed in accordance with applicable requirements and/or regulations.</p> <p>TVA currently has five licensed nuclear reactors in operation and four reactors under construction. Recorder charts are filed by nuclear plant then by date then instrument number and have an accumulation of 700 cubic feet since 1975. Because of the numerous recording instruments from which charts are obtained and the volume of charts produced, recorder charts are grouped into five main categories as the most cost effective method of storing the charts. To store the charts by instrument number would be too costly and would require a greater area for storage.</p> <p>Because of Federal regulations, industry standards to which TVA is committed, and plant maintenance and administrative needs in maintaining, reworking, repairing, replacing, or modifying items at the nuclear power plant, the following dispositions are requested:</p> <p><u>DISPOSITION:</u></p> <p>A. <u>All recorder charts showing radioactivity levels of liquids and gases released to the environment.</u> (18 CFR 125.3.22.2.j; ANSI N45.2.9-1974, App.A.6.1. Estimated annual accumulation 1.75 cu. ft. per nuclear reactor.)</p> <p style="padding-left: 40px;">Destroy when nuclear facility is retired or when Agency is dissolved, whichever is longer. (Transfer to Federal Records Center when 4 years old.)</p> <p>B. <u>All operating charts created during first-year operation.</u> (18 CFR 125.3.22.2.a. Estimated total accumulation 35 cu. ft. per nuclear reactor.)</p> <p style="padding-left: 40px;">Destroy 10 years after nuclear facility is retired. (Transfer to Federal Records Center when 4 years old.)</p>		

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	<p>C. <u>Recorder charts showing transient or operational cycling records for those components that have been designated to operate safely for a limited number of cycles.</u> (ANSI N45.2.9-1974, App.A.6.1. Estimated annual accumulation 12.25 cu. ft. per nuclear reactor.) QA</p> <p style="padding-left: 40px;">Destroy when nuclear facility is retired. (Transfer to Federal Records Center when 4 years old.)</p> <p>D. <u>Recorder charts showing turbo generator bearing temperature, vibration, speed, valve position and rotor position, generator megawatt-hour, generator field temperature and main transformer temperature.</u> (These charts are invaluable for determining the probable cause of turbine problems and for maintenance. Turbines are expected to last for the life of the facility. Estimated annual accumulation 10.5 cu. ft. per nuclear reactor.)</p> <p style="padding-left: 40px;">Destroy in Agency when nuclear facility is retired. <i>Not authorized for transfer to FRC.</i></p> <p>E. <u>All other recorder charts.</u> (18 CFR 125.3.22.2.a. Estimated annual accumulation 10.5 cu. ft. per nuclear reactor.)</p> <p style="padding-left: 40px;">Destroy when 6 years old. (Transfer to Federal Records Center when 2 years old.)</p>		