

**REQUEST FOR RECORDS DISPOSAL AUTHORITY**  
(See Instructions on reverse)

LEAVE BLANK	
JOB NO <b>NC 1-142-77 - 2</b>	
DATE RECEIVED <b>JAN 5 1977</b>	
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disposal request, including amendments, is approved except for items that may be stamped "disposal not approved" or "withdrawn" in column 10.	
<b>3-21-77</b> Date	<i>James B. Rhoads</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

3. MINOR SUBDIVISION

4. NAME OF PERSON WITH WHOM TO CONFER

Ronald E. Brewer

5. TEL EXT

615 755-3351

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 \_\_\_\_\_ 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 12-17-76	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
1	<p align="center"><u>RADIOGRAPHS</u></p> <p>Radiographs are produced from the use of radiant energy in the form of neutrons, x-rays, or gamma rays for nondestructive examination of opaque objects. These graphical records on sensitized films (radiographs) indicate the comparative soundness of the object being tested.</p> <p>This nondestructive method of examination to verify soundness of materials or components or verify that discontinuities are present in materials or components is not limited to nuclear plants. This procedure has been used at our steam-electric and hydroelectric plants as well.</p> <p>The evaluation as to the acceptability or rejectability of the material or component is based upon the judicious application of the radiographic specifications and standards governing said material or component.</p> <p>Information on the radiographs contains the manufacturer's name and further identification as appropriate to provide traceability to the component, weld, weld seam, or part number represented in the radiograph.</p>		

REQUEST FOR AUTHORITY TO DISPOSE OF RECORDS—Continuation Sheet

7. ITEM NO.	8. DESCRIPTION OF ITEM (WITH INCLUSIVE DATES OR RETENTION PERIODS)	9. SAMPLE OR JOB NO.	10. ACTION TAKEN
1	<p style="text-align: center;"><u>RADIOGRAPHS</u> - continued</p> <p>These records serve as proof of the contractor's performance and have reference value if a weld failure or component failure occurs. The radiograph would be used to determine the original quality at the point of the failure.</p> <p>With the advent of nuclear power plants the volume of radiographs increased greatly. According to statistics available at this time, a nuclear plant meeting today's requirements may be expected to generate 500,000 or more radiographs. Presently, about 70% of the radiographs are produced and maintained by the manufacturer until the plant goes into production. At some point in time after this, the manufacturer transfers the radiographs to TVA for retention. This means that there is not a level yearly rate of growth of radiographs.</p> <p>At the present time we have approximately 200 cubic feet of both TVA-created and manufacturer-created radiographs which vary in size from 4½" x 8½" to 14" x 17" and rolls of film. Each box of radiographs will be indexed to expedite referencing.</p> <p>These records in content could be approved under NARS Job Number NCl-142-76-21. A task force was created within TVA to study the possibility of micro-filming radiographs, but after many months of study they determined that it would not be feasible. Therefore, since NCl-142-76-21 pertained only to paper and microfilm, radiographs may not be approved by this job.</p> <p>We request approval of the stated retention period covering radiographs retained in TVA. This length of retention is needed to prove plant integrity as well as for compliance with Nuclear Regulatory Commission requirements, Appendix A, ANSI Standard N45.2.9, Item A.3 Manufacturing Records--Radiographic Procedures, Radiographic Review Forms and Radiographs; Item A.4.3 Welding--Radiographic Test Procedures, Radiographic Test Final Results.</p>		

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1	<p style="text-align: center;"><u>RADIOGRAPHS</u> - continued</p> <p><del>(a)</del> Radiographs - Destroy when facility retired</p> <p><del>(b)</del> Transfer to Federal Records Center, East Point, Georgia, in regulation containers approximately every six months.</p>		