INACTIVE - ALL ITEMS SUPERSEDED OR OBSOLETE

Schedule Number: NC1-142-85-01

All items in this schedule are inactive. Items are either obsolete or have been superseded by newer NARA approved records schedules.

Description:

Item 1.A was superseded by N1-142-10-001 items 11c1 and 11c2.

Item 2 was superseded by N1-142-10-001 item 11c1.

Date Reported: 07/28/2022 NC1-142-85-01

INACTIVE - ALL ITEMS SUPERSEDED OR OBSOLETE

REC	QUEST FOR RECORDS DISPOSITION AUT (See Instructions on reverse)	HORITY	JOB NO NCl-	LEA L42-85	VE BLANK		
GENERAL SERVICES ADMINISTRATION NATIONAL ARCHIVES AND RECORDS SERVICE, WASHINGTON, DC 20408			DATE RECEIVED 12-11-84				
	y or establishment)		N	OTIFICA	TION TO AGEN	Y	
l ennessee	e Valley Authority				e provisions of 4		
	f Engineering				cluding amendme may be marked		
3. MINOR SUBD			approved" or "withdrawn" in column 10 If no records are proposed for disposal, the signature of the Archivist is not required				
4 NAME OF PER	RSON WITH WHOM TO CONFER	5 TELEPHONE EXT	DATE	ARCHI	IIVIST OF THE UNITED STATES		
Ronald E.	Brayon	FTS 858-2520	10-31-85	Frank Bunke			
	E OF AGENCY REPRESENTATIVE	113 030-2320	·	<u> </u>			
that the reco agency or w Accounting (attached	tify that I am authorized to act for this agendered proposed for disposal in this Request of will not be needed after the retention period Office, if required under the provisions of Tocurrence is attached, or X is unnecessal.	fpage(s ds_specified, and itle 8 of the GAO	s) are not no that written	w need concu	ed for the bu irrence from	siness of this the General	
B DATE	C SIGNATURE OF AGENCY REPRESENTATIVE	D TITLE					
70 5 04	Frank Bruss	/	~~				
12-5-84	I brialy & Johnson	<u>Assistant</u>	TVA Archi	vist	9 GRS OR	10 ACTION	
7 ITEM NO	8 DESCRIPTION (With Inclusive Dates or Re				SUPERSEDED JOB CITATION	TAKEN (NARS USE ONLY)	
1.	Records of Tornado Missile In This record series consists prima documenting tornado simulation to pose of finding an economical base the danger of tornado missiles to components important to the safethe loss of capacity to perform a five, 16-mm color films were made color slides were taken by the Cosearch and Development Staff durance Muscle Shoals Reservation (Octobe tember 1976), and Courtland Air In During these tests, telephone powere dropped from a helicopter to a velocity required to study into various surfaces. 1500 pour steel rods, and standard pipes (Sinto soil, crushed limestone, and cameras were used to create the film provided raw data in measure	arily of audionests conducted rrier that would structures, structures, structures for and approximation tests conducted and approximation tests conducted and telephone point of the concrete. For accolor picture	visual recompose for the plants with the plants with the plants with the plants ico site (gust 1977) disteel recomposes, one-plants action film; thi	ur- te nd hout O Re- sep- ids inch copped s			

Request 1	for Records Disposition Authority – Continuation	n	JOB NO		PAGE OF 2 of 4
7 ITEM NO	8 DESCRIPTION OF ITEM (With Inclusive Dates or Retention P	eriods)		9 SAMPLE OR JOB NO	10 ACTION TAKE
	penetrations. Color slides were also ing to document the falling of the mitural damage caused by the missiles. ing by test numbers of the tornado mitesting includes the location of each testing, type of missile, and number box.	ssiles and the s A slide index ssile penetration test, the dates	struc- list- on s of		
	Also included in this record series i Civil Engineering (CEB) Report docume of the tornado missile penetration te will be used for reference on which d from the tests and on data which coul the future. (The record copy CEB Rep in the Management and Engineering Dat scheduled in NC1-142-77-8.)	nting the result sting. This rep ata was extracted d be extracted ort is microfilm	ts oort ed in ned		
	Because the data obtained from these was used in developing the design critective barriers for the emergency coat TVA's Watts Bar and Sequoyah nucle records are considered quality assura (ANSI N45.2.9-1974, App. A.1) and req	teria for the proling water line ar plants, these nce (QA) records	es e s		
	These records were created during the have a total volume of approximately by location of test, date of test, an	2 cu.ft., arrang	ged		
1.	Disposition:				
		Destroy when last related nuclear cility is retire (Transfer immedito Federal Recordenter at East FGA for QA storage TVA to review retion requirement every 15 years.)	fa- ed. iately rds Point, ge. eten- ts	GRS 21:8 GRS 21:26	
	B. Duplicates	Destroy in agend when no longer a ed for reference	eed-	GRS 21:19	(film)
2.	Records of Pipe Break Load Testing	on Pipe Supports	<u>s</u>		
	This record series consists primarily ords created during pipe break load to ports. This pipe break load testing	esting on pipe s	sup-		

Request	or Records Disposition Authority – Continuation	JOB NO		PAGE OF 3 Of 4
7. ITEM NO	8 DESCRIPTION OF ITEM (With Inclusive Dates or Retention Periods)		9 SAMPLE OR JOB NO	10 ACTION TAKEN
	1982 by the Civil Engineering Branch Research and D opment Staff. Testing consisted of connecting a 1" to a steam extraction line, pressurizing the line t 1000 lbs. per square inch. Instrumentation connect a 14 channel recorder was then placed on the suppor pipe, pressure applied to the pipe, recording equip brought up to speed and the end blown off the pipe. time history of stress, strain, and acceleration du the next 100 milliseconds provided basic data regar the structural response of the system. Testing of pipe supports was recorded on 16mm motion picture f testing of pressure and temperature gauges was reconvided tape.	pipe o ed to t and ment The ring ding the ilm;		
	Data from these records aided in the design of pipe support systems in nuclear plants, providing import information on the survivability of supports and ai in determining the input parameters for computer mo of the pipe breakevent.	ant ding		
	The test program was initially conceived as part of overall program which would: (1) Provide insight i analysis techniques which would allow the analyses better predict the actual phenomenon; (2) Provide i sight into the area of adding realism to impact loa factors; (3) Provide guidance for the design of pip rupture mitigating devices; and (4) Allow significations are in design, construction, material utilization and overall operation and maintenance costs. This mation is being evaluated by the Electrical Power Research Institute (EPRI) to assist in guidance for foresearch in pipe support behavior. EPRI is a professional association of power companies of which TVA member.	nto to n- d e nt on, infor- e- further		
	This series includes a copy of the Civil Engineering Branch (CEB) Report documenting the results of the break load testing on piping supports. (The record copy CEB Report is microfilmed in the Management ar Engineering Data Systems (MEDS) scheduled in NC1-148.)	pipe l ıd		
	Because this testing data was used to support the of pipe supports at several TVA nuclear plants, the records are considered quality assurance (QA) record (ANSI N45.2.9-1974, App. A.l) and require QA storage There is approximately .5 cu.ft. of material (one 100 ft. film and one 3/4" video cassette tape).	eds je.		

Request for	Records Disposition Authority – Continuation	JOB NO		PAGE OF 4 of 4
7 ITEM NO	8 DESCRIPTION OF ITEM (With Inclusive Dates or Retention Periods)		9 SAMPLE OR JOB NO	10 ACTION TAKEN
2.	Disposition			
	Destroy when last related nuclear facility is re (Transfer immediately to Federal Records Center East Point, GA for QA storage. TVA to review re requirements every 15 years.)	at	GRS 21:4	6 (film) 5 (video)
		1 1 1 1		