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Description of document: Defense Threat Reduction Agency (DTRA) List of Films and Videotapes at DTRA 2023

Requested date: 25- May-2023

Release date: 05-November-2023

Posted date: 03-June-2024

Source of document: Defense Threat Reduction Agency  
IT-KTR (FOIA/Privacy Office)  
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**DEFENSE THREAT REDUCTION AGENCY**  
8725 JOHN J. KINGMAN ROAD, STOP 6201  
FORT BELVOIR, VA 22060-6201

November 5, 2023

Re: FOIA Case No.: 23-058

This is our final response to your Freedom of Information Act (FOIA) request perfected on May 25, 2023, and assigned FOIA case number 23-058 by the Defense Threat Reduction Agency (DTRA). You requested copies of the following:

1. Each listing of historical films and videotapes at DTRA, including each listing of films and videotapes that were at the Defense Special Weapons Agency or at the Defense Nuclear Agency.
2. Each listing of films and videotapes of outside speakers who spoke at DTRA.
3. Each listing of Oral Histories (oral history recordings or videotapes or transcripts) at DTRA.

You agreed to narrow your request to the following offices:

- The DTRA Technical Library,
- The DTRA Video Archive or Video Library,
- The DTRA History Office, and
- The DTRA Public Affairs Office.

Enclosed is a copy of a document with the requested information, totaling 155 pages. This record is being released to you in part. Some information is being withheld under FOIA Exemption 3. Exemption 3 applies to information specifically exempted from disclosure by a statute. In this case, the information is withheld under 42 USC 2168 – Formerly Restricted Data. No fees are due as the assessable cost total \$25.00 or less.

Determinations on behalf of DTRA were made by the Initial Denial Authority (IDA), Mr. Earl E. Washington, Jr., Chief, Records Management, FOIA, and Privacy Act Division, Information Management and Technology Directorate. If you consider this decision to be an adverse determination, you may file a written appeal that is postmarked no later than 90 calendar days after the date of this letter to the Deputy Director, Defense Threat Reduction Agency, Information Management and Technology Directorate, ATTN: FOIA/PA Office, 8725 John J. Kingman Road, MSC 6201, Fort Belvoir, Virginia 22060. The appeal should reference the FOIA/Privacy Act case number, contain a concise statement of the grounds upon which the appeal is brought, and a description of the relief sought. A copy of this letter should also accompany your appeal. Both the envelope and your letter should clearly identify that a Freedom of Information Act and/or a Privacy Act Appeal is being made.

Should you have additional questions or concerns regarding this case, you may seek dispute resolution services from the DTRA FOIA Public Liaison or the Office of Government Information Services (OGIS). The DTRA FOIA Public Liaison, Mr. Burton Post, may be contacted by phone at (571) 616-5190 or by email at [dtrafoiaprivacy@mail.mil](mailto:dtrafoiaprivacy@mail.mil). The contact information for OGIS can be found at [www.archives.gov/ogis](http://www.archives.gov/ogis).

Sincerely,

*Eugene McGirt*

Eugene McGirt  
FOIA/Privacy Act Specialist  
Freedom of Information/Privacy Act Office

Enclosure(s):  
As stated

TITLE	FORMAT	CLASSIFICATION	DISTRIBUTION	DURATION	FILM TYPE	CAPTION
(U) Trinity 1945	FILM	UNCLASSIFIED	A	00:12:00 min		Trinity ; shows pan of Trinity area, unloading gadget from truck to ground below tower, covering of gadget, assembly, raising gadget on hoist to top of tower, placement of device, and detonation. Explosion lights up
Greenhouse ; 20RKC068	FILM	U	A			View of Dog fireball from Ananij tower
ABLE FIREBALL	FILM	UNCLASSIFIED	A			STUFF ON FILM
U.S.S. Kitty Hawk	FILM	UNCLASSIFIED	A			Official Navy photographs - Negatives
Attack, Story of Armor Divisions in the National Guard	FILM	U	A			Film collection consisting mostly of Federal Civil Defense film footage from the Coordination and Information Center (CIC) in Las Vegas, Nevada. Subjects include Civil Defense ; radioactive fallout ; fallout shelter ; public shelter ; Emergency Operating Center (EOC) ; protection against nuclear radiation ; radiological monitoring ;
Day in September	FILM	U	A			Film collection consisting mostly of Federal Civil Defense film footage from the Coordination and Information Center (CIC) in Las Vegas, Nevada. Subjects include Civil Defense ; radioactive fallout ; fallout shelter ; public
About Fallout	FILM	U	A			Film discusses the physics, effects, and defense against nuclear fallout. The phenomena of natural background radiation are reviewed. Dissemination and dangers of fallout resulting from nuclear detonation are described and the value of time, distance and mass in weakening the effects of residual radiation explained. Effects of radiation on the body, food and water are examined. Lastly, the importance of adequate shelter and prescribed decontamination measures is underscored. ; Film collection consisting mostly of Federal Civil Defense film
A is For Atom	FILM	U	A			Explaining how the atom was discovered and its many uses today. ; Film collection consisting mostly of Federal Civil Defense film footage from the Coordination and Information Center (CIC) in Las Vegas, Nevada. Subjects include Civil Defense ; radioactive fallout ; fallout shelter ; public shelter ; Emergency Operating Center (EOC) ;
A+ School	FILM	U	A			Film collection consisting mostly of Federal Civil Defense film footage from the Coordination and Information Center (CIC) in Las Vegas, Nevada. Subjects include Civil Defense ; radioactive fallout ; fallout shelter ; public
Bomb Threat! Plan, Don't Panic	FILM	U	A			Film discusses the physics, effects, and defense against nuclear fallout. The phenomena of natural background radiation are reviewed. Dissemination and dangers of fallout resulting from nuclear detonation are described and the value of time, distance and mass in weakening the effects of residual radiation explained. Effects of radiation on the body, food and water are examined. Lastly, the importance of adequate shelter and prescribed decontamination measures is underscored. ; Film collection consisting mostly of Federal Civil Defense film
Operation Cue - Revised	FILM	U	A			Film discusses the physics, effects, and defense against nuclear fallout. The phenomena of natural background radiation are reviewed. Dissemination and dangers of fallout resulting from nuclear detonation are described and the value of time, distance and mass in weakening the effects of residual radiation explained. Effects of radiation on the body, food and water are examined. Lastly, the importance of adequate shelter and prescribed decontamination measures is underscored. ; Film collection consisting mostly of Federal Civil Defense film
Operation Cue - Revision 1964, #16	FILM	U	A			Film discusses the physics, effects, and defense against nuclear fallout. The phenomena of natural background radiation are reviewed. Dissemination and dangers of fallout resulting from nuclear detonation are described and the value of time, distance and mass in weakening the effects of residual radiation explained. Effects of radiation on the body, food and water are examined. Lastly, the importance of adequate shelter and prescribed decontamination measures is underscored. ; Film collection consisting mostly of Federal Civil Defense film
Community Shelter Planning	FILM	U	A			Film discusses the physics, effects, and defense against nuclear fallout. The phenomena of natural background radiation are reviewed. Dissemination and dangers of fallout resulting from nuclear detonation are described and the value of time, distance and mass in weakening the effects of residual radiation explained. Effects of radiation on the body, food and water are examined. Lastly, the importance of adequate shelter and prescribed decontamination measures is underscored. ; Film collection consisting mostly of Federal Civil Defense film
BWR, Boiling Water Reactor	FILM	U	A			Nuclear Power Plant, Heat Energy, Boiling Water. ; Film discusses the physics, effects, and defense against nuclear fallout. The phenomena of natural background radiation are reviewed. Dissemination and dangers of fallout resulting from nuclear detonation are described and the value of time, distance and mass in weakening the effects of residual radiation explained. Effects of radiation on the body, food and water are examined. Lastly, the importance of adequate shelter and prescribed decontamination measures is underscored. ; Film collection
A is for Atom	FILM	U	A	14 minutes		Animated classic presenting what an atom is, how energy is released from certain kinds of atoms, the peacetime

30-065MOC207	FILM	U	A		ECN Eastman Color Negative	Plumbbob ; recovery team returning to aircraft (helicopter?) after leaving bunker in Area 7 ; team recovering instrumentation data (stock footage). Additional footage of man in Rad-Safe clothing, inspecting damage to
(U) Big Hole Drilling	FILM	UNCLASSIFIED	A	0:25:00		Film narrated by Don Collier. Footage of the history of big hole drilling which was introduced to the United States in the 1800's, in South Dakota. Mr. Collier explains in detail the process and the equipment needed along
MINOR SCALE PAO CLIP FOR PUBLIC RELEASE	VIDEO	U	A			VIDEO SHOWS CHARGE CONTAINER ERECTION, PRE-SHOT TEST BED ACTIVITY AROUND VARIOUS EXPERIMENTS, AND 3 CLIPS OF THE DETONATION
(U) Nuclear Detonations at Nevada Test Site	FILM	UNCLASSIFIED	A			Stock footage. Compilation of Nevada Test Site bursts made from 16mm originals.
DASIAC D and D Roll	FILM	U	A			Nuclear explosion effects footage compiled from a number of sources though ultimately traceable to effects
(U) UPSHOT-KNOTHOLE ; EGG 016703 OR 35MM B/W	FILM	UNCLASSIFIED	A	5 sec.	MF	Upshot Knothole ; Grable ; shows shock front hitting ground, nothing visible after 150 frames.
30-065MOF065-02 ; Plumbbob	FILM	U	A		ECN Eastman Color Negative	Plumbbob ; pre-John, John test-firing. Camera initially follows rocket, then switches to aircraft performing escape maneuver.
30-065MOF065-03A ; Plumbbob	FILM	U	A		ECN Eastman Color Negative	Plumbbob ; pre-John, John test-firing. Camera initially follows rocket, then switches to aircraft performing escape maneuver.
Sandstone ; 19MLG096	FILM	U	A			Camera crew at Kwajalein airstrip prepares for mission including issue of film badges and dosimeters [may be
The Navy's Part in Operation Sandstone	FILM	U	A			Task Group 7.3 delivered nuclear components to Enewetak Atoll, and provided mobile facilities for devices at the test site.
	FILM	U	A			Sandstone ; describes weather prediction activities before and during operation.
Hiroshima and Nagasaki aerial shots. Assume postshot damage images until reviewed. Silent.(U) COPYRIGHTED. DO NOT REPRODUCE	FILM	U	A			Hiroshima and Nagasaki aerial shots. Assume postshot damage images until reviewed. Silent.
Crossroads ; VCE-2004-05(U) COPYRIGHTED, DO NOT REPRODUCE.	FILM	U	A			Coverage of the target fleet in the lagoon before Baker day. Technicians installing camera on a camera tower on Bikini Island. Coverage from two cameras of Baker day atomic blast (detonation) and cloud. Coverage of target ship after Baker showing the aircraft carrier sinking.
(U) Dipole West , OR 16MM COLOR	FILM	UNCLASSIFIED	A			Dipole West. REPORT ON THE MULTIPLE BURST HIGH-EXPLOSIVE (HE) TEST, BLAST WAVE INTERACTION AND REFLECTION PHENOMENA TO VERIFY AND AUGMENT MULTI-BURST COMPUTER CALCULATIONS.
Redwing-Huron	FILM	UNCLASSIFIED	A			Aerial oblique. Large image of illuminated Wilson cloud which is fairly impressive for about 13 seconds. As it separates, fireball is somewhat visible, but image quickly becomes dark. Only the first 13 seconds interesting.
HARDTACK ; 24MOC223	FILM	U	A			Wahoo from bridge of USS Mansfield (DD-728)
HARDTACK	FILM	UNCLASSIFIED	A	50 sec		Umbrella underwater shot as viewed from Enewetak island looking across the Wide Passage westward to the
HARDTACK - WAHOO	FILM	UNCLASSIFIED	A			Wahoo from USS DeHaven (DD-727) (50 ft). Short footage of gun crew and fire control officer at end of reel
HARDTACK ; 24MOC468	FILM	U	A			Footage of gun ground crews starting B-52 engines at end of reel
HARDTACK ; 24MOC472	FILM	U	A			Aerial oblique from altitude 10,000 feet and range of 10 miles. Shot was fired from a barge in the Zuni crater off
HARDTACK I - WAHOO	FILM	UNCLASSIFIED	A			View of underwater shot off Enewetak Atoll from USS Mansfield (DD-728). 5 inch guns are silhouetted. 100 ft
HARDTACK - WAHOO	FILM	UNCLASSIFIED	A			View of underwater shot off Enewetak Atoll probably from a C-54 but unstated in caption. Record begins 4 seconds before burst and shows shock or crack on water surface, waves covering target ships and finally debris
HARDTACK - UMBRELLA	FILM	UNCLASSIFIED	A			View of underwater shot in Enewetak Lagoon from an island photo station. 200 ft of record before camera jam
HARDTACK ; 24MOF072	FILM	U	A			Aerial low angle oblique view of underwater shot in Enewetak Lagoon from an airplane at 1,500 feet altitude and
HARDTACK ; 24MOF080	FILM	U	A			Series of aerial oblique views of underwater shot in Enewetak Lagoon from an airplane at 10,000 feet altitude
HARDTACK I	FILM	UNCLASSIFIED	A			Excerpts from Operation Hardtack I, Silent - includes scenes from underwater shots Wahoo and Umbrella with ship array at sea, detonations from various angles, plume, surge, island, postshots of test ships, rocket launches,
Crossroads "A" Blast	FILM	UNCLASSIFIED	A			Compilation of various angles/camera position of shot ; Some very good effect shots

Radiological Safety Operation Crossroads	FILM	UNCLASSIFIED	A			FOUO introduction prepared for the Joint Chief of Staff and the Joint Crossroads Committee
Story of Five Atomic Bombs	FILM	U	A			"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power,
Operation Castle, Atomic Warfare Countermeasures	FILM	UNCLASSIFIED	A			Decontamination procedures for Naval vessels exposed to fallout using washdown countermeasures.
The Argus Experiment Tape 2 of 3 UMat(U)	FILM	UNCLASSIFIED	A			Argus was an investigation of the phenomena associated with the trapping in the earth's magnetic field of relativistic electrons produced by nuclear detonations at a very high altitude
Maj. Gen. P.W. Clarkson, Commander, CJTF-7	FILM	UNCLASSIFIED	A	0:04:00		Castle ; General Clarkson, Commander JTF 7 for Castle, congratulating and thanking task force members for job well done.
Sandia Practice Bombs (U)	FILM	UNCLASSIFIED	A	0:15:00		AFSWP Sandia Practice Bombs April 1945. Includes B-29 aircraft take off and landing (from what appears to be Sandia Base), view of target and bomb falling as seen from the bomb bay, then landing viewed through front
Operation Greenhouse	FILM	U	A			Aerial damage survey of Eleleron (shot island), Aomon, and Lojwa.
Greenhouse ; 20RKC094	FILM	U	A			Shot from Beach Club on Enewetak. Observers in foreground
Ten Seconds That Shook the World	FILM	UNCLASSIFIED	A			"Ten Seconds..." Historical film about the development of nuclear power, from the first successful fission experiments through the dropping of the first atomic bomb on Hiroshima. The story of the Manhattan Project is told in some detail. Film uses much historical footage, including World War II scenes, Potsdam Conference, etc.
Operation Ivy Print #2	FILM	U	A			JTF Commander General Clarkston ; No King Shot
24MOG102-2	FILM	U	A			Views of a shot in a horizontal tunnel in the mesa in Area 12. There was slight venting on this shot through the overburden. The rest of the roll was shot the following day near the shot area in Area 3 in Yucca Flat. Radsafe
Crossroads "A" and "B" Blast (U) UPSHOT-KNOTHOLE ; EGG 016702 ; OR 16MM B/W	FILM	UNCLASSIFIED	A			SHOT FOOTAGE OF 18 (CROSSROADS) "A" AND "B" BLAST Views blast line, shows dirt cloud flowing over station 3.1t
(U) UPSHOT-KNOTHOLE ; EGG 016780 ; WP 16MM COLOR	FILM	UNCLASSIFIED	A	30 seconds	KC Film	Upshot Knothole ; Grable ; shows thermal effects on cloth covering over animals, arrival of blast wave, afterwinds. Taken at a range of 4900 feet from ground zero.
(U) UPSHOT-KNOTHOLE ; EGG 016782 ; WP 16MM COLOR	FILM	UNCLASSIFIED	A	25 seconds	KC film	Upshot Knothole ; Grable ; shows thermal effects on coverings over animals, arrival of blast wave, afterwinds. Taken at a range of 5900 feet from ground zero.
Operation Wigwam 16MM RP1 of 4 (U)	FILM	UNCLASSIFIED	A			Use of dummy submarines to obtain data of atomic bomb effectiveness on enemy subs.
(U) UPSHOT-KNOTHOLE ; EGG 016701 ; OR 16MM B/W	FILM	UNCLASSIFIED	A			Views of blast line, shows dirt cloud flowing over field of platform and vehicles.
(U) UPSHOT-KNOTHOLE ; EGG 016705 ; OR 35MM B/W	FILM	UNCLASSIFIED	A	11.5 SEC.	MF	Shows shock front, dirt cloud and rise of cloud.
(U) UPSHOT-KNOTHOLE ; EGG 016781 ; CM 16MM COLOR	FILM	UNCLASSIFIED	A	25 second	KC film	Upshot Knothole ; Grable ; shows illumination of coverings over animals, arrival of blast wave, afterwinds. Taken at a range of 5900 ft from ground zero.
Atomic Gun (280mm) at the Nevada Proving Ground (U)	FILM	UNCLASSIFIED	A	00:11:00 min		Upshot-Knothole ; Grable ; Shows gun being delivered to Nevada Test Site, loaded and firing of shot Grable.
Effects of Nuclear Weapons, Part 3 - The Ground Burst (U)	FILM	UNCLASSIFIED	A			Goes more into depth of burst and relocation to shock etc. a brief overview of different types of burst. Has some good ?Basic Effects? Footage.
Electromagnetic Interference from Nuclear Explosions (U)	FILM	UNCLASSIFIED	A	0:30:00		Effects of nuclear explosions on the ionosphere and associated electromagnetic phenomena. Mostly done with graphics, does contain footage of Redstone rocket on launch pad and teak detonation.
Operation Snowball (Final Report) (U)	FILM	UNCLASSIFIED	A	0:27:00		Military effects studies film on Operation Snowball, conducted in Canada in 1964 by a tripartite organization made up of Canadian, British, and U.S. scientific groups. Film is limited to a discussion of U.S. objectives plus a

Atomic Tests in Nevada (U)	FILM	UNCLASSIFIED	A	0:25:00		Nontechnical film explaining the reasons (in 1955) for continental testing of nuclear weapons, describes testing procedures at the AEC Nevada Test Site, with detailed information on measures taken to protect the public.
The Sandia Story (revised)	FILM	U	A		Technicolor	Film explains the history and purpose of Sandia National Laboratories (weapon design, ballistic shape tests, stockpile survey, etc). We then tour the lab and see different shops and testing areas (proof tests, drop and
D-PAVI-0314	FILM	U	A			DESCRIBES THE SCIENTIFIC SURVEY BY A TEAM FROM THE LABORATORY OF RADIATION BIOLOGY OF THE UNIV OF WASHINGTON TO DETERMINE THE CONDITION OF BIKINI AND ENEWETAK ATOLLS SIX YEARS AFTER THE LAST
ATOMIC WEAPONS AND FIRE (U)	FILM	UNCLASSIFIED	A	0:30:00		ILLUSTRATES CHARACTERISTICS AND REACTIONS UNDER VARIOUS CONDITIONS OF CERTAIN EXPLOSIVES. SUGGESTS METHODS FOR EXTINGUISHING SUCH FIRES
Shot as viewed from ground	FILM	U	A			Shot as viewed from ground. Fireball and cloud
(U) 509th AAF Group's Pre-Hiroshima Tinian Footage	FILM	UNCLASSIFIED	A	15 min for all 3		Pre-Hiroshima footage from Tinian. Three reels, silent. Shows (in color) shows the bomb (Little Boy) being loaded onto a trailer, covered with tarp, and (now in B/W) then transferred by convoy to the airfield. The bomb is lowered into the pit, the B-29 (Enola Gay) drop aircraft backs over pit and the bomb is raised into the bomb bay.
(U) 509th AAF Group's Pre-Nagasaki Tinian Footage	FILM	UNCLASSIFIED	A	10 min for all 4		Pre-Nagasaki footage from Tinian Island. Four reels, silent. First scene shows (in color) painting and inspecting the bomb (Fat Man). Second scene shows embellishment and various military personnel adding graffiti on bomb.
Pacific Detonations (U) COPYRIGHTED, DO NOT REPRODUCE.	FILM	UNCLASSIFIED	A			Pacific detonations including Bravo, Tewa, and Bluestone. Images restored by VCE.
30-065MOC216	FILM	U	A			Plumbbob ; post-Priscilla, footage of man in Rad-Safe clothing conducting inspections of Project 3.6 domes and
30-065MOF012	FILM	Unclassified	A			Plumbbob ; pan of inspector examining earth pressure and strain gauges ; FCDA brick school building for ; close-up of monkey sleeve containing 4 monkeys ; sleeve placed in blast container Medium shot of monkey sleeve being pushed all the way into blast container ; pan up to line of containers, with Franklin tower in background. Medium shot, sleeve holding monkeys being placed in blast container ; different camera angle from previous
30-065MOF039	FILM	U	A		ECN Eastman Color Negative	Plumbbob ; footage shot over two days. 19 June 1957, scene 321, medium shot of underground decontamination center. Lieutenant Albright (USN) checks Project 3.3 inner air lock room, inner dressing room, shower & drying room. Scene 316, close-up of pressure scratch gage at Station 9019.02. Scene 316A, close-up of remote recording accelerometer to self-recording peak accelerometer. Scene 321A, medium shot of Lt. Albright
30-065MOF088	FILM	U	A			Plumbbob ; medium shot of Project 5.5 F-89 crew briefing ; crew heads toward aircraft. Medium close-up of F-89 crew arriving at aircraft and climbing into cockpit. Medium shot of crew in cockpit as crew chief pulls APU cables. Medium close-up of observer and pilot of F-89 aircraft in cockpit ; making final adjustments before taxiing out. Establishing shot of Project 5.4 A-4D instrumentation pod under belly of aircraft ; followed by close-up footage
30-065MOF089	FILM	U	A			Plumbbob ; medium shot of instrumentation pod on Project 5.3 FJ-4 aircraft ; followed by close-up footage of instrumentation in pod during final inspection and closure. Close-up of gun bay of FJ-4 which has been converted into housing for photo recorder and allied instruments. Close-up of fireball camera on end of instrumentation pod of FJ-4 ; camera and callimeters are shown. Medium shot of sensitive boom on front of FJ-4 which contains
30-065MOF090	FILM	U	A			Plumbbob ; close-up of Commander Montunas in cockpit of Project 5.4 A4D aircraft. Long shot of Project 5.3 FJ-4 Fury taxiing into stop position ; followed by footage of FJ-4 taxiing out. More long shot footage of FJ-4 as it taxis into stop position. Close-up of NASWF insignia on fuselage of A4D. Close-up of crewmember pulling starting unit
30-065MOF093	FILM	U	A			Plumbbob ; footage shot over two days. Day one footage contains series of air-to-air shots of Project 5.4 A-4D Navy jet aircraft over Indian Springs Air Force Base. Day two includes series of shots of Project 5.5 F-89s on take-
30-065MOF111	FILM	Unclassified	A		ECN	Plumbbob ; footage of Project 5.3 FJ-4 and Project A4D aircraft fly-by and landing. Project 2.8 foil dummies ; grid
Buster Jangle	FILM	U	A		ECN Film	EGG 010943, Shows fireball and cloud, taken at a range of 48,000 feet from ground zero. ; EGG 010942, Shows fireball, reflected shock, surface dust formation and uptake, and stem, taken at a range of 10,000 feet from
Buster Jangle	FILM	U	A	25 sec	ECN Film	Shows fireball, surface dust formation and uptake, and stem, taken at a range of 10,000 feet from ground zero.
EGG 098041	FILM	U	A			SHOWS BLAST EFFECT ON DUMMIES.
Price of Peace and Freedom, AFIF 315, PAVI F 0126, 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:27:00	0:27:00	Findings of an 1 year research project on trends in military strength of the Soviet Union.

Dice Throw	FILM	U	A	25 min		Dice Throw German participation in DICE throw. Construction of sub-surf structure w/ Buster Slad ; subsurf structure flush w/ ground ; surface structure ; free field gauge line ; metal pre-fab ; concrete pre-fab; concrete and steel blast
Effects of Nuclear Weapons, Part 1 ; Introduction Revision 1962	FILM	UNCLASSIFIED	A			Footage begins with a review of the development of weapons, footage shows comparison between Conventional and Atomic weapons. Footage shows the effects of an atomic detonation, shockwave, radiation, fallout and electromagnetic pulse. Examines the effects of weapons detonated on the surface, underground,
Nuclear Detonations at NTS (U)	FILM	UNCLASSIFIED	A	38 mins.		
30-154-73 PAVI/F 0223 16MM RP1 (U)	FILM	Unclassified	A			Project Mixed Company Aerial views of Ground Zero, Detonation, Fireball, Cloud and Crater
Nuclear Detonations at PPG and NTS (U)	FILM	UNCLASSIFIED	A			Stock footage. Compilation of 5 Pacific Proving Ground (PPG) bursts and 1 Nevada Test Site (NTS) burst (detonation or fireball) made from 35 mm originals. Includes footage of Tewa, Huron, Flathead, Harlem,
FISHBOWL SUMMARY	FILM	U	A			
(U) Upshot-Knothole ; WP 16MM B/W	FILM	UNCLASSIFIED	A			Nuclear Detonations and Effects, UpShot Knothole.
(U) Hardtack ; RP 16MM B/W	FILM	UNCLASSIFIED	A	05:16 min.		Hardtack - Orange fireball and cloud photography
(U) Plumbbob ; BC COLOR	FILM	UNCLASSIFIED	A	00:03 min		Smoky - footage of Plumbbob Smoky - fireball
(U) Upshot-Knothole ; WP 16MM B/W	FILM	UNCLASSIFIED	A			Nuclear Detonations and Effects. ; Fired from a 280mm gun
(U) Upshot-Knothole ; WP 16MM B/W w/o sound	FILM	UNCLASSIFIED	A			Nuclear Detonations and Effects. ; Fired from a 280mm gun , Airburst
ONE MAN'S TERRORIST	FILM	U	A			COMPLETELY ANIMATED FILM CREATING AN ASSAULT ON AN AIR FORCE BASE BY TERRORISTS SEEKING AN AIR
ONE MAN'S TERRORIST	FILM	U	A			COMPLETELY ANIMATED FILM CREATING AN ASSAULT ON AN AIR FORCE BASE BY TERRORISTS SEEKING AN AIR
(U) Plumbbob ; RP 16MM COLOR	FILM	UNCLASSIFIED	A			
(U) Plumbbob ; RP 16MM B/W	FILM	UNCLASSIFIED	A			Nuclear Detonations and Effects. ; Shows fireball, reflected shock, surface dust formation, arrival of air shock at camera and explosion cloud. Shows fireball, reflected shock surface dust, arrival of air shock at camera, cloud
Enewetak Radiological Safety: Protection for Cleanup Workers 16mm RP color sound(U)	FILM	UNCLASSIFIED	A	13 mins.		Enewetak Cleanup Radiological Safety. Runit, Enewetak and Lojwa.
Target Nevada (U)	FILM	UNCLASSIFIED	A	0:14:20		The story of U.S. Air Force support to the Atomic Energy Commission on continental atomic tests. Includes footage of several detonations at the Nevada Test Site, Headquarters building of the Special Weapons Command and General John S. Mills. Footage of several Air Force aircraft, camera planes, recording planes, cloud trackers, cloud samplers, helicopters, weather room at control point. Also includes effects footage on aircraft, Dr. Alvin
Enewetak A Radiological Cleanup (U)	FILM	UNCLASSIFIED	A	0:19:00		Describes the radiological cleanup of Enewetak Atoll undertaken by DNA. Covers the history of the Atoll, the 5 years of planning that preceded the cleanup, the 3 phases (mobilization, cleanup, demobilization) accomplished by the Department of Defense (DoD) and Department of Energy (DOE), and the rehabilitation and resettlement
(U) EGG 096322 OR 16MM COLOR	FILM	UNCLASSIFIED	A			SHOWS FIREBALL.
EGG 097327 ; OR 35MM COLOR	FILM	UNCLASSIFIED	A			SHOWS FIREBALL AND DEBRIS. IMAGE BECOMES VERY FAINT AFTER FRAME 1600.
EGG 095217 ; CM 35MM COLOR	FILM	UNCLASSIFIED	A			SHOWS FIREBALL, AURORA.
EGG 096328 ; OR 35MM COLOR	FILM	UNCLASSIFIED	A			SHOWS AURORA, FIREBALL, DEBRIS.
EGG 093223 ; STARFISH ; OR 35MM COLOR	FILM	UNCLASSIFIED	A			SHOWS AIRGLOW IN DIRECTION OF THE BURST POINT.



EGG 095324 ; CM 35MM COLOR	FILM	UNCLASSIFIED	A			SHOWS FIREBALL. IMAGE VERY FAINT AFTER FRAME 270.
EG&G 095328 ; WP 35MM COLOR	FILM	UNCLASSIFIED	A			Silent footage showing sequences of burst phenomena.
Operation Buster Jangle, Easy and Charlie Detonation, Compilation of 3 Clips	FILM	UNCLASSIFIED	A	12 sec	ECN Film	EGG 010744, Shows fireball and reflected shock, surface dust and uptake, taken at a range of 8,000 feet from ground zero. ; EGG 010944, Shows Fireball, surface dust formation and uptake, and stem, taken at a range of 10,000 feet from ground zero. ; EGG 010945, Shows fireball and cloud, taken at a range of 58,000 feet from
(U) PLUMBBOB ; OR 16MM Snowball ; WP 16MM B/W	FILM	UNCLASSIFIED	A			Smoky - Shows shock wave ; Smoky - shock above fireball, two shock hooks cross mountain ridge ; Smoky -
EG&G PREF 098042 ; Snowball ; WP 16MM B/W	FILM	UNCLASSIFIED	A	6.2 SEC	PX	Shows blast effect on dummies.
EG&G PREF 098043 ; Snowball ; WP 16MM B/W	FILM	UNCLASSIFIED	A	8.5 SEC	PX	Shows blast effect on dummies.
EG&G PREF 098044 ; Snowball ; WP 16MM B/W	FILM	UNCLASSIFIED	A	21 SEC	PX	Shows blast effect on dummies.
EG&G PREF 098045 ; Snowball WP 16MM B/W	FILM	UNCLASSIFIED	A	20 SEC	PX	Shows blast effect on dummies.
World-Wide Fallout From Nuclear Weapons	FILM	U	A	42 mins.		Film explain what is known and not known by today's science about the long-term consequences of world-wide fallout. This report is confined to the fallout on which a substantial amount of information is now available.
Sailor Hat "B" ; CM 16MM COLOR	FILM	UNCLASSIFIED	A			
SAILOR HAT "B" ; CM 16MM	FILM	UNCLASSIFIED	A			
Hardtack Umbrella	FILM	U	A			
Hardtack Umbrella	FILM	U	A			
Hardtack Umbrella	FILM	U	A			
Hardtack Umbrella	FILM	U	A			
Hardtack Umbrella	FILM	U	A			
Hardtack Umbrella	FILM	U	A			
Hardtack Umbrella	FILM	U	A			
Secret thoughts of Mao	FILM	U	A			Chinese nuclear test footage used for the production of "Trinity and Beyond." These are color workprints made
Snowball ; WP 16MM B/W	FILM	UNCLASSIFIED	A	2.3 SEC.	PX	Shows blast effects on dummies.
Snowball ; WP 16MM B/W	FILM	UNCLASSIFIED	A			Shows blast effect on dummies.
World-Wide Fallout From Nuclear Weapons	FILM	UNCLASSIFIED	A			Film explain what is known and not known by today's science about the long-term consequences of world-wide fallout. This report is confined to the fallout on which a substantial amount of information is now available.
Living With Nuclear Weapons (U)	FILM	UNCLASSIFIED	A	0:23:00		Safeguards employed to preclude accidental detonations.
	FILM	u	a			
Redwing Cherokee-Flash Blindness	FILM	U	A			
Redwing Cherokee-Flash Blindness	FILM	U	A			
Redwing Cherokee-Flash Blindness	FILM	U	A			
Redwing Cherokee-Flash Blindness	FILM	U	A			
EGG PERF 098105 ; SAILOR HAT "B" ; CM 16MM COLOR	FILM	UNCLASSIFIED	A	12 SEC.	KD-II	SHOWS BURST, EJECTA, AND CLOUD.

EGG 098112 ; Sailor Hat "B" ; cm 16MM COLOR	FILM	UNCLASSIFIED	A	26 SEC.	KD-II	SHOWS GROUND SHOCK AND DUST MOVING TOWARD CAMERA. NOTHING VISIBLE AFTER FRAME 270.
EGG 098113 ; Sailor Hat "B" ; CM 16MM COLOR	FILM	UNCLASSIFIED	A	26 SEC.	KD-II	SHOWS GROUND SHOCK AND DUST MOVING ACROSS FRAME. NOTHING VISIBLE AFTER FRAME 390.
EGG 098114 ; Sailor Hat "B" ; CM 16MM COLOR	FILM	UNCLASSIFIED	A	.11 SEC.	KD-II	SHOWS GROUND SHOCK AND DUST MOVING TOWARD CAMERA. DUST OBSCURES PICTURE AFTER 350 FRAMES.
EGG 098115 ; Sailor Hat "B" ; CM 16MM COLOR	FILM	UNCLASSIFIED	A		KD-II	SHOWS GROUND SHOCK AND DUST MOVING ACROSS FRAME. DUST OBSCURES PICTURE AFTER 150 FRAMES.
EGG 098116 ; Sailor Hat "B" ; CM 16mm COLOR	FILM	UNCLASSIFIED	A		KD-II	SHOWS SHOCK WAVE PASSING OVER WATER. PICTURE IS OBSCURE AFTER 50 FRAMES.
EGG 098117 ; Sailor Hat "B" ; CM 16mm COLOR	FILM	UNCLASSIFIED	A	19 SEC.	KD-II	SHOWS SHOCK WAVE PASSING OVER WATER. PICTURE IS OBSCURE AFTER 25 FRAMES UNTIL FRAME 560.
EGG PERF 098119 ; SAILOR HAT "B" ; CM 16mm COLOR	FILM	UNCLASSIFIED	A		KD-II	SHOWS SHOCK WAVE AND WATER SPRAY SURGING TOWARD SHIP. EJECTA IS SEEN SPLASHING INTO WATER IN FRONT OF SHIP.
EGG PERF 098120 ; SAILOR HAT "B" ; CM 16mm COLOR	FILM	UNCLASSIFIED	A			SHOWS SHOCK PASSING THROUGH WATER TOWARD SHIP. SPLASHES FROM EJECTA ARE SEEN IN THE FOREGROUND.
EGG 098121 ; Sailor Hat "B" ; CM 16MM COLOR	FILM	UNCLASSIFIED	A	26 SEC.	KD-II	SHOWS SHOCK PASSING OVER WATER. EJECTA IS SEEN SPLASHING INTO WATER.
EGG 098126 ; Sailor Hat "B" ; CM 16MM COLOR	FILM	UNCLASSIFIED	A	26 SEC.	KD-II	SHOWS BURST, EJECTA, AND CLOUD.
(U) Hardtack II ; WP 16MM B/W	FILM	UNCLASSIFIED	A			
(U) Hardtack II ; WP 16MM B/W	FILM	UNCLASSIFIED	A			
(U) Hardtack II ' WP 16MM B/W	FILM	UNCLASSIFIED	A			
(U) EGG 042931 ; PLUMBBOB ; OR 16MM	FILM	UNCLASSIFIED	A			Smoky - shock above fireball, two shock hooks cross mountain ridge.
Talos Missile Handling Cruiser Installation (U)	FILM	UNCLASSIFIED	A			TALOS, a beam riding, rocket launched, ram jet propelled missile (surface to surface or surface to air). Designed to carry either a conventional or nuclear warhead. The Mk 30 (Mark 30) warhead was designed specifically for Talos. General information on preparation of weapon for storage and actual storage configurations, testing and preparation of weapon for strike, plus use of handling gear and readying of missile for strike aboard a cruiser. Footage includes USS Oklahoma City at sea, warhead preparation, placement on stand, components installed,
Let's Face It (U)	FILM	UNCLASSIFIED	A	0:14:00		Federal Civil Defense Administration (FCDA) film about preparations for nuclear attack. Opens with LA Examiner headline "RUSS EXPLODES H-BOMB." Includes footage of Air Raid Warden, bomb shelters, citizens moving to shelters, Civil Defense map and personnel at work, broadcasting facilities and procedures, fallout detection, disaster footage (including Hiroshima), effects footage from Enewetak with postshots of damage. Moves to preparation of Area 1 in Yucca Flat at the Nevada Proving Ground (Nevada Test Site) for Operation Teapot shot Apple 2 involving in part some 40 Civil Defense effects (Operation Cue) tests. ; Construction of test city (doom
EGG 093707 ; FISHBOWL ; OR 35MM COLOR	FILM	UNCLASSIFIED	A		EDER FILM	SHOWS AURORA AND AIRGLOW IN DIRECTION OF BURST. FRAMES TAKEN MANUALLY.
(U) PLUMBBOB ; WP 16MM B/W	FILM	UNCLASSIFIED	A	00:02 min		Plumbbob Smoky footage - cloud
(U) PLUMBBOB ; WP 16MM B/W	FILM	UNCLASSIFIED	A	08:53 minutes	TRI-X Film	Smoky - Shows fireball, surface dust, cloud formation and cloud rise. Sampling rockets can be seen. Cloud drifts from left to right on print.
Secret thoughts of Mao	FILM	U	A			Chinese nuclear test footage used for the production of "Trinity and Beyond." These are color workprints made

(U) Upshot Knothole ; OR 16MM B/W	FILM	UNCLASSIFIED	A			
(U) UPSHOT-KNOTHOLE ; WP 16MM B/W	FILM	UNCLASSIFIED	A			
	FILM	U	A	48 sec		Wigwam ; View from unmanned camera on YNFB-13 over YNFB-12 to the YC under which the device was
(U) Upshot Knothole ; WP 16MM B/W	FILM	UNCLASSIFIED	A			
(U) Upshot Knothole ; OR 16MM B/W	FILM	UNCLASSIFIED	A			Thermal Effects Shot 10 Special Studies
Meeting the Terrorist Threat 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:06:00		Types of attacks against which security forces must be capable of protecting nuclear weapons. ; Shows types of entry from historical threat to new threats with violent entry.
Upshot-Knothole Encore	FILM	U	A			Shows thermal and blast effects on jet aircraft. Aircraft lifted off ground by blast. Station 8.1L.
SANDIA J314	FILM	U	A			
SANDIA J316	FILM	U	A			NO IMAGE -POSSIBLY THE STA. 10 FILM REFERRED TO IN WT-374 AS BEING FOGGED.
SANDIA J317	FILM	U	A	1.7 SEC.		FILM SHOWS FIREBALL AND BASE SURGE
SANDIA J318	FILM	U	A	1.7 SEC.		FILM SHOWS BURST OCCURING NEAR STRUCTURES. STRUCTURES ARE THOSE VISIBLE IN SANDIA J291.
SANDIA J320	FILM	U	A	1.73 SEC.		FILM SHOWS BLAST WAVE AND BASE SURGE EFFECTS ON STRUCTURES. THE STRUCTURE FOCUSED UPON IS A TWO STOREY CONCRETE FRAME AND MASONRY BLDG NEXT TO A TWO STOREY STRUCTURE THAT LOOKS LIKE A
(U) UPSHOT-KNOTHOLE ; EGG 016779 ; OR 16MM COLOR	FILM	UNCLASSIFIED	A	30 seconds	KC Film	Upshot Knothole ; Grable ; shows thermal effects on cloth coverings over animals, arrival of blast wave, afterwinds. Taken at a range of 4900 ft from ground zero.
(U) Upshot Knothole ; OR 16MM B/W	FILM	UNCLASSIFIED	A			
The Navy's Part in Operation Sandstone	FILM	U	A			Task Group 7.3 delivered nuclear components to Enewetak Atoll, and provided mobile facilities for devices at the test site.
The Navy's Part in Operation Sandstone	FILM	U	A			Task Group 7.3 delivered nuclear components to Enewetak Atoll, and provided mobile facilities for devices at the test site.
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The Navy's Part in Operation Sandstone	FILM	U	A			Task Group 7.3 delivered nuclear components to Enewetak Atoll, and provided mobile facilities for devices at the test site.
Sandstone ; X-Ray Detonation	FILM	U	A			Sandstone footage ; atom (atomic) bomb test ; Enewetak, Marshall Islands. Silent.
Sandstone ; X-Ray Detonation	FILM	U	A			Sandstone footage ; atom (atomic) bomb test ; Enewetak, Marshall Islands. Silent.
Operation Greenhouse ; Dog Detonation ; Compilation of 9 Rolls combined	FILM	U	A			20RKF123, Shot from Enewetak Water tower. On same roll scenes of weapon debris samples removed from drone ; 20RKC044, Aerial oblique of Dog fireball from 9,000 ft. and about 20 km SSW ; 20RKC047, View of Dog fireball from Enewetak water tower ; 20RKC065,20RKC066,20RKC067,20RKC068, View of Dog fireball from
Operation Greenhouse ; Dog Detonation ; Compilation of 9 Rolls combined	FILM	U	A			20RKF123, Shot from Enewetak Water tower. On same roll scenes of weapon debris samples removed from drone ; 20RKC044, Aerial oblique of Dog fireball from 9,000 ft. and about 20 km SSW ; 20RKC047, View of Dog fireball from Enewetak water tower ; 20RKC065,20RKC066,20RKC067,20RKC068, View of Dog fireball from

Operation Greenhouse, Easy & George Detonations and George Post-Detonation ; Compilation of 27 Rolls. Tape 190 (U)	FILM	UNCLASSIFIED	A	0.068634259	20RKF132, Easy Day blast from aboard USS Walker underway approximately fifteen miles from target at Engeibi. Following blast are shots of cloud. USS Altman underway at sea. ; 20RKC052, View of Easy from Medren (Parry) water tower. 20RKC056, Glasshouse on Kidrinen. Footage of shot from an unstated viewpoint ; 20RKC071, Shot from Enewetak Officers Club. ; 20RKC079, Shot Easy from Billae (Wilma) Island. ; 20RKC095, Shot from balcony of service club. ; 20RKC101, 20RKC102, 20RKC103, Shot from Billae (Wilma) unattended camera. ; 20RKC106, 20RKC107, Easy shot, aerial oblique from C-47 orbiting SE of detonation. ; 20RKC112, Shot from top of truck at Service Club on Enewetak. Fireball. Cloud in poor light ; 20RKC124, Shot from bridge of USS Curtiss (AV-4), off Medren. Good size and well centered but low contrast ; 20RKC145, Photo plane is at 13 miles slant range south of detonation. ; 20RKC148, Shot from Enewetak Service Club. About 90 feet of dull low contrast footage. ; 20RKC149, Shot from Enewetak Beach Club. About 80 feet good size, well centered. Brief look at stem ; 20RKC151, Detonation Fireball Mushroom cloud ; 20RKC152, Shot from Enewetak Beach Club. About 55 feet much interference with natural cloud ; 20RKF170, View from Enewetak Beach Club. Burst is below clouds . fireball emerges after about 15 sec. and is wreathed in skirts by 40 sec. image of fireball is larger than frame
Operation Greenhouse, George Post Detonation	FILM	U	A		Cloud from B-17 at 13,500ft and 12 miles slant range.
Operation Greenhouse, George Post Detonation	FILM	U	A		Aerial damage survey of Eleleron (shot island), Aomon, and Lojwa.
Operation Greenhouse, Dog Detonation ; Compilation of 2 Reels	FILM	U	A		20MOF026, View from B-50. ; 20MOF027, Hi-angle aerial. Wilson cloud and late cloud. Caption does not even identify shot but because of shape of cloud.
Operation Greenhouse, Dog Detonation & Misc ; Easy Post Detonation ; George Misc. ; Item Post Detonation ; Compilation of 6 Reels. Tape 191(U)	FILM	U	A		20MOF026, View from B-50. ; 20MOF027, Hi-angle aerial. Wilson cloud and late cloud. Caption does not even identify shot but because of shape of cloud. ; 20MOG004, Aerial damage survey of Runit Island following shot from 9,000 ft. Runit was the shot Island. ; 20MOF024-2, Aerial damage survey of Enjebi (shot island). ; 20MOG005, Aerial oblique from 13 mi south at 9,000ft. 380 ft of record on 16mm print good size but poor light. ; 20MOG006, Aerial damage survey of Enjebi Island following shot.
Operation Buster ; Able, Dog and Easy Detonations ; Compilation of 19 Rolls, HDCam ; Batch 127(U)	FILM	UNCLASSIFIED	A		40-11RKC11, First long shot of tower with Joshua tree in the foreground. Next long shot of tower. Next shot of blast (detonation) with observers looking on from control point. Next shot of atomic cloud. ; 40-11RKC12, Buster ; First long shot of personnel loading a truck with panels of ERDL paints and plastics. Next medium shot the same as above. Next long shot of a jeep and truck containing rats coming up to the area on thermal line. "A" frame in background. Next long shot of ground zero down the thermal line. "A" frame (containing rats) in foreground. ; 40-11RKF073-1, 40-11RKF56-2, 40-11RKF58, Operation Buster, Able Detonation, Shot of bomb blast and atomic cloud from shot Able. ; 40-11RKC14, Shot of bomb blast (detonation) and atomic cloud from shot Easy. H-30 seconds to the end of the roll. ; 40-11RKC15, First medium shot of personnel bringing up panels of plastic coated fabrics, plastic film, and plastic fibers, and put it on holding frame. Next medium closeup view of personnel placing panel on frame and bolting it down. ; 40-11RKC19, Aerial shot of bomb blast (detonation) and atomic cloud from H-30 seconds to end of roll. 10,000 feet elevation in C-47 aircraft. Good shot. ; 40-11RKC20A, Aerial shot of bomb blast (detonation) and Atomic cloud from H-30 seconds to the end of roll. 10,000 feet elevation in C-47 aircraft. ; 40-11RKC22A, First shot of blast (detonation) from the back of control point. Next shot of a cloud
435215-1001 ; DOMINIC ; CM 16MM	FILM	UNCLASSIFIED	A	0:21:12	Compilation of EG&G scientific films on the Fishbowl high altitude shots.

Operation Buster Jangle, Charlie and Dog Detonations, Compilation of 11 Reels HDCAM ; Batch 131 ; Tape 199(U)	FILM	UNCLASSIFIED	A			40-11RKC022, 40-11RKC023, 40-11RKC024, Aerial footage of bomb blast (detonation) and Atomic cloud from H-30 seconds until the end of the roll. 10,000 feet elevation in a C-47 aircraft. ; 40-11RKC033, Aerial footage of bomb blast (detonation). 10,000 feet elevation. Hi-Speed. ; 40-11RKF052, Aerial footage of bomb blast (detonation) and atomic cloud from H-30 seconds to the end of the roll. Continuous running and panning up and down cloud across the base to show area covered by dust. Ice caps forming on the cloud. Altitude 10,000 feet in a C-47 aircraft. ; 40-11RKF053, The last 30 feet of footage shot H+5 minutes on cloud. ; 40-11RKF061, First shot of Charlie blast bomb (detonation) framed thru Joshua trees. Next shot of Dog blast bomb (detonation) framed thru Joshua trees. ; ; 40-11RKF063, First shot of bomb blast (detonation). Sequence continues with growth of
Operation Buster-Jangle, Dog Detonation, Compilation of 12 Reels (U)	FILM	UNCLASSIFIED	A			40-11RKC007, Various shots of an atomic cloud mushroom circling at 26,000 feet. ; 40-11RKC011A, Aerial shot at 10,000 feet of bomb blast (detonation) and atomic cloud from H-15 to end of roll. ; 40-11RKC017, Aerial footage of bomb blast (detonation) . Elevation at 10,000 feet in C-47 aircraft. ; 40-11RKC020, First shot of spectators at control point watching blast (detonation). Next shot of spectators with cloud in the background. Next shot of personnel tracking cloud with instruments for speed and height. Information gathered for RAD-SAFE. ; 40-11RKC021, Aerial shot of bomb blast (detonation) and atomic cloud from H-15 to the end of the roll. 10,000 feet in elevation in a C-47 aircraft. ; 40-11RKC030A, Aerial shot at 10,000 feet from C-47 aircraft. Shot of blast (detonation) and atomic cloud from H-15 to end of roll. ; 40-11RKC005A, First shot of a B-50 aircraft landing. Number 83. Next shot of a B-50 aircraft landing then turning off to the left. Next shot of a B-29 aircraft landing straight by. Next shot of a B-50 aircraft landing then turning off to the left. Next shot of a C-54 aircraft
Operation Greenhouse, George Miscellaneous	FILM	UNCLASSIFIED	A			Cloud from B-17 at 13,500ft and 12 miles slant range.
Operation Greenhouse, George Post Detonation & Miscellaneous, Compilation of 2 Reels (U)	FILM	UNCLASSIFIED	A	0:07:15		20MOF012, Cloud from B-17 at 13,500ft and 12 miles slant range. ; 20RKC143, George aerial oblique of cloud after several minutes. Wind shear on final part of record. Photo plane is at 10,000 ft altitude south of detonation.
Operation Buster Jangle, Easy and Charlie Detonation, Compilation of 3 Clips	FILM	UNCLASSIFIED	A	12 sec	ECN Film	EGG 010744, Shows fireball and reflected shock, surface dust and uptake, taken at a range of 8,000 feet from ground zero. ; EGG 010944, Shows Fireball, surface dust formation and uptake, and stem, taken at a range of 10,000 feet from ground zero. ; EGG 01945, Shows fireball and cloud, taken at a range of 58,000 feet from
Atomic Support for the Soldier (U)	FILM	UNCLASSIFIED	A	00:25 min		Exercise Desert Rock 1. Discusses effects of nuclear explosions on men and equipment. Views troops and experiments at shot Buster-Jangle Dog. Made to reassure soldiers that there would be no danger from radiation (I?). Narrated with a dime-store novel, humorous tough-guy slant. Has Crossroads Baker footage and post-Hiroshima scenes. Camp Desert Rock sign at NTS, military and civilian VIPs, troops seated on ground, Buster-
Atomic Support for the Soldier (U)	FILM	UNCLASSIFIED	A	00:25 min		Exercise Desert Rock 1. Discusses effects of nuclear explosions on men and equipment. Views troops and experiments at shot Buster-Jangle Dog. Made to reassure soldiers that there would be no danger from radiation (I?). Narrated with a dime-store novel, humorous tough-guy slant. Has Crossroads Baker footage and post-Hiroshima scenes. Camp Desert Rock sign at NTS, military and civilian VIPs, troops seated on ground, Buster-
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The Argus Experiment	FILM	UNCLASSIFIED	A			Argus was an investigation of the phenomena associated with the trapping in the earth's magnetic field of
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The Argus Experiment 16MM SND(U)	FILM	UNCLASSIFIED	A			Argus was an investigation of the phenomena associated with the trapping in the earth's magnetic field of relativistic electrons produced by nuclear detonations at a very high altitude

The Argus Experiment HDCAM(U)	FILM	UNCLASSIFIED	A		Argus was an investigation of the phenomena associated with the trapping in the earth's magnetic field of relativistic electrons produced by nuclear detonations at a very high altitude
Operation HARDTACK I	FILM	UNCLASSIFIED	A		Excerpts from Operation Hardtack I, Silent - includes scenes from underwater shots Wahoo and Umbrella with ship array at sea, detonations from various angles, plume, surge, island, postshots of test ships, rocket launches,
Operation HARDTACK I	FILM	UNCLASSIFIED	A		Excerpts from Operation Hardtack I, Silent - includes scenes from underwater shots Wahoo and Umbrella with ship array at sea, detonations from various angles, plume, surge, island, postshots of test ships, rocket launches,
Operation HARDTACK I	FILM	UNCLASSIFIED	A		Excerpts from Operation Hardtack I, Silent - includes scenes from underwater shots Wahoo and Umbrella with ship array at sea, detonations from various angles, plume, surge, island, postshots of test ships, rocket launches,
Military Effects Studies on Operation Castle	FILM	UNCLASSIFIED	A		An excellent review of weapon effects from surface bursts. The Castle series was held to test large yield thermonuclear, or hydrogen devices. Opens with aerial footage of Bravo detonation. Shows aerial of Bikini Atoll then maps of Bikini and Enewetak atolls. Discussion of the effects of surface bursts including nuclear radiation, fallout, washdown systems, brief thermal discussion, blast, and shock effects. Radiation discussion includes initial gamma dose discussion and instrumentation. Uses maps and graphics. Fallout discussion includes Jangle shot at the Nevada Test Site (NTS). Moves to map of islands with graphic of cloud growth and movement. Footage of collectors including total collectors (e.g., gum paper trays and funnels) and intermittent collectors (e.g., belt samplers and rotating drums with collection trays). Shows placement footage of raft and buoy stations in Bikini lagoon. Also shows water survey and sampling footage. Discussion of the islands affected by the fallout from shot 1 (Bravo) and the evacuation process to Kwajalein. Total gamma dose estimates per island is discussed.
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(U)Operation Hardtack Military Effects Studies, Part 1: Basic Effects, Structures and Materiel 16MM AP	FILM	UNCLASSIFIED	A			Hardtack basic effects measurements including ground motion (acceleration, displacement, pressures, shock spectra); radiation; and electromagnetic pulse (EMP) on high yield Pacific shots. Structures and materiel tests include aircraft structural response, underground structures, electronic fuze components, skin simulant and uniforms, and ablation of metals. Aircraft footage includes a B-52, in flight, head on, and landing, and Navy A4D
Operation Castle, Atomic Warfare Countermeasures	FILM	UNCLASSIFIED	A			Decontamination procedures for Naval vessels exposed to fallout using washdown countermeasures.
Operation Castle, Atomic Warfare Countermeasures	FILM	UNCLASSIFIED	A			Decontamination procedures for Naval vessels exposed to fallout using washdown countermeasures.
Operation Castle, Atomic Warfare Countermeasures	FILM	UNCLASSIFIED	A			Decontamination procedures for Naval vessels exposed to fallout using washdown countermeasures.
Operation Castle, Atomic Warfare Countermeasures(U)	FILM	UNCLASSIFIED	A			Decontamination procedures for Naval vessels exposed to fallout using washdown countermeasures.
Effects of Nuclear Weapons, Part 1 ; Introduction Revision 1962	FILM	UNCLASSIFIED	A			Footage begins with a review of the development of weapons, footage shows comparison between Conventional and Atomic weapons. Footage shows the effects of an atomic detonation, shockwave, radiation, fallout and electromagnetic pulse. Examines the effects of weapons detonated on the surface, underground,
Effects of Nuclear Weapons, Part 1 ; Introduction Revision 1962	FILM	UNCLASSIFIED	A			Footage begins with a review of the development of weapons, footage shows comparison between Conventional and Atomic weapons. Footage shows the effects of an atomic detonation, shockwave, radiation, fallout and electromagnetic pulse. Examines the effects of weapons detonated on the surface, underground,
Effects of Nuclear Weapons, Part 1 ; Introduction Revision 1962	FILM	UNCLASSIFIED	A			Footage begins with a review of the development of weapons, footage shows comparison between Conventional and Atomic weapons. Footage shows the effects of an atomic detonation, shockwave, radiation, fallout and electromagnetic pulse. Examines the effects of weapons detonated on the surface, underground,
Effects of Nuclear Weapons, Part 1 ; Introduction Revision 1962	FILM	UNCLASSIFIED	A			Footage begins with a review of the development of weapons, footage shows comparison between Conventional and Atomic weapons. Footage shows the effects of an atomic detonation, shockwave, radiation, fallout and electromagnetic pulse. Examines the effects of weapons detonated on the surface, underground,
(U) Plumbbob ; WP 16MM B/W	FILM	UNCLASSIFIED	A	00:25 seconds ;	MF Film	EGG 42947, Shows fireball and intensity minimum. ; EGG 42929, Shows fireball ; EGG 42955, Shows fireball and beginning of cloud.
(U) Plumbbob ; OR 16MM B/W	FILM	UNCLASSIFIED	A			Smoky - Shows shock wave
Nuclear Weapon Effects on the Ionosphere (F Region Disturbances) (U)	FILM	UNCLASSIFIED	A			Studies conducted on effects of high-altitude nuclear explosions on HF communications systems and radar systems.
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Operation Teapot - Military Effects Studies (U)	FILM	UNCLASSIFIED	A			Footage of first underground (crater) shot. Also includes drilling activities, placement of various gages and dosimeter instrumentation, backfilling weapon hole. Shows ESS detonation, base surge, cloud formation, aerial of crater. Met footage includes extensive military effects tests. Discusses precursor and ideal wave conditions with dust, water, and asphalt blast lines. Effects and postshot footage of structures, aircraft, jeeps, aircraft
Operation Teapot - Military Effects Studies (U)	FILM	UNCLASSIFIED	A			Footage of first underground (crater) shot. Also includes drilling activities, placement of various gages and dosimeter instrumentation, backfilling weapon hole. Shows ESS detonation, base surge, cloud formation, aerial of crater. Met footage includes extensive military effects tests. Discusses precursor and ideal wave conditions with dust, water, and asphalt blast lines. Effects and postshot footage of structures, aircraft, jeeps, aircraft
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Operation Teapot - Military Effects Studies (U)	FILM	UNCLASSIFIED	A		0:33:00	Footage of first underground (crater) shot. Also includes drilling activities, placement of various gages and dosimeter instrumentation, backfilling weapon hole. Shows ESS detonation, base surge, cloud formation, aerial of crater. Met footage includes extensive military effects tests. Discusses precursor and ideal wave conditions with dust, water, and asphalt blast lines. Effects and postshot footage of structures, aircraft, jeeps, aircraft
Effects of Nuclear Weapons, Part 3 - The Ground Burst (U)	FILM	UNCLASSIFIED	A			Goes more into depth of burst and relocation to shock etc. a brief overview of different types of burst. Has some good ?Basic Effects? Footage.
Nuclear Weapon Effects on the Ionosphere (F Region Disturbances)	FILM	UNCLASSIFIED	A			Studies conducted on effects of high-altitude nuclear explosions on HF communications systems and radar systems.
Effects of Nuclear Weapons, Part 3 - The Ground Burst (U)	FILM	UNCLASSIFIED	A			Goes more into depth of burst and relocation to shock etc. a brief overview of different types of burst. Has some good ?Basic Effects? Footage.
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Effects of Nuclear Weapons, Part 3 - The Ground Burst (U)	FILM	UNCLASSIFIED	A			Goes more into depth of burst and relocation to shock etc. a brief overview of different types of burst. Has some good ?Basic Effects? Footage.
World-Wide Fallout From Nuclear Weapons	FILM	UNCLASSIFIED	A			Film explain what is known and not known by today's science about the long-term consequences of world-wide fallout. This report is confined to the fallout on which a substantial amount of information is now available.
World-Wide Fallout From Nuclear Weapons	FILM	UNCLASSIFIED	A			Film explain what is known and not known by today's science about the long-term consequences of world-wide fallout. This report is confined to the fallout on which a substantial amount of information is now available.
World-Wide Fallout From Nuclear Weapons on HDCAM(U)	FILM	UNCLASSIFIED	A			Film explain what is known and not known by today's science about the long-term consequences of world-wide fallout. This report is confined to the fallout on which a substantial amount of information is now available. Much has been written and said about this subject both officially and unofficially. This film corrects any factually
World-Wide Fallout From Nuclear Weapons	FILM	UNCLASSIFIED	A			Film explain what is known and not known by today's science about the long-term consequences of world-wide fallout. This report is confined to the fallout on which a substantial amount of information is now available.
World-Wide Fallout From Nuclear Weapons	FILM	UNCLASSIFIED	A			Film explain what is known and not known by today's science about the long-term consequences of world-wide fallout. This report is confined to the fallout on which a substantial amount of information is now available.



World-Wide Fallout From Nuclear Weapons	FILM	UNCLASSIFIED	A			Film explain what is known and not known by today's science about the long-term consequences of world-wide fallout. This report is confined to the fallout on which a substantial amount of information is now available.
World-Wide Fallout From Nuclear Weapons	FILM	UNCLASSIFIED	A			Film explain what is known and not known by today's science about the long-term consequences of world-wide fallout. This report is confined to the fallout on which a substantial amount of information is now available.
World-Wide Fallout From Nuclear Weapons	FILM	UNCLASSIFIED	A			Film explain what is known and not known by today's science about the long-term consequences of world-wide fallout. This report is confined to the fallout on which a substantial amount of information is now available.
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World-Wide Fallout From Nuclear Weapons	FILM	UNCLASSIFIED	A			Film explain what is known and not known by today's science about the long-term consequences of world-wide fallout. This report is confined to the fallout on which a substantial amount of information is now available.
EFFECTS OF NUCLEAR WEAPONS, PART 1--INTRODUCTION. REV. 1962	FILM	UNCLASSIFIED	A			
Effects of Nuclear Weapons, Part 3 - The Ground Burst (U)	FILM	UNCLASSIFIED	A			Goes more into depth of burst and relocation to shock etc. a brief overview of different types of burst. Has some good ?Basic Effects? Footage.
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Operation Teapot - Military Effects Studies (U)	FILM	UNCLASSIFIED	A			Footage of first underground (crater) shot. Also includes drilling activities, placement of various gages and dosimeter instrumentation, backfilling weapon hole. Shows ESS detonation, base surge, cloud formation, aerial of crater. Met footage includes extensive military effects tests. Discusses precursor and ideal wave conditions with dust, water, and asphalt blast lines. Effects and postshot footage of structures, aircraft, jeeps, aircraft
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The Argus Experiment 16mm OR Reel 2 A-B(U)	FILM	UNCLASSIFIED	A			Argus was an investigation of the phenomena associated with the trapping in the earth's magnetic field of relativistic electrons produced by nuclear detonations at a very high altitude
The Argus Experiment 16MM OR R1 A B (U)	FILM	UNCLASSIFIED	A			Argus was an investigation of the phenomena associated with the trapping in the earth's magnetic field of relativistic electrons produced by nuclear detonations at a very high altitude
The Argus Experiment 16mm AP(U)	FILM	UNCLASSIFIED	A			Argus was an investigation of the phenomena associated with the trapping in the earth's magnetic field of relativistic electrons produced by nuclear detonations at a very high altitude
Sandstone 19RMC024 16MM OR (U)	FILM	UNCLASSIFIED	A		koda Chrome	Lookout on LST 549 with a slow pan of Enewetek Island looking east towards hospital.
Sandstone ; 19RMC027 16MM (U)	FILM	UNCLASSIFIED	A		KC	Camera pans entire length of Enewetek Island showing buildings and roads. Shows coconut grove and a pan of Runit Island.

(U) PLUMBBOB ; ORG 35MM	FILM	UNCLASSIFIED	A			Smoky - shows distinct shock wave Compilation ; EGG 042933 ; EGG 042934
Operation HARDTACK I	FILM	UNCLASSIFIED	A			Excerpts from Operation Hardtack I, Silent - includes scenes from underwater shots Wahoo and Umbrella with ship array at sea, detonations from various angles, plume, surge, island, postshots of test ships, rocket launches,
Military Effects Studies on Operation Castle	FILM	UNCLASSIFIED	A			An excellent review of weapon effects from surface bursts. The Castle series was held to test large yield thermonuclear, or hydrogen devices. Opens with aerial footage of Bravo detonation. Shows aerial of Bikini Atoll then maps of Bikini and Enewetak atolls. Discussion of the effects of surface bursts including nuclear radiation, fallout, washdown systems, brief thermal discussion, blast, and shock effects. Radiation discussion includes initial gamma dose discussion and instrumentation. Uses maps and graphics. Fallout discussion includes Jangle shot at the Nevada Test Site (NTS). Moves to map of islands with graphic of cloud growth and movement. Footage of collectors including total collectors (e.g., gum paper trays and funnels) and intermittent collectors (e.g., belt samplers and rotating drums with collection trays). Shows placement footage of raft and buoy stations in Bikini lagoon. Also shows water survey and sampling footage. Discussion of the islands affected by the fallout from shot 1 (Bravo) and the evacuation process to Kwajalein. Total gamma dose estimates per island is discussed.
BASIC PRINCIPLES OF POWER REACTORS	FILM	UNCLASSIFIED	A	9 MIN		ANIMATED FILM DETAILING THE BASIC PRINCIPLES OF POWER REACTOR CONSTRUCTION AND OPERATION.
Operation Castle, Atomic Warfare Countermeasures	FILM	UNCLASSIFIED	A			Decontamination procedures for Naval vessels exposed to fallout using washdown countermeasures.
Operation Castle, Atomic Warfare Countermeasures	FILM	UNCLASSIFIED	A			Decontamination procedures for Naval vessels exposed to fallout using washdown countermeasures.
Operation Castle, Atomic Warfare Countermeasures	FILM	UNCLASSIFIED	A			Decontamination procedures for Naval vessels exposed to fallout using washdown countermeasures.
Atomic Support for the Soldier (U)	FILM	UNCLASSIFIED	A	00:25 min		Exercise Desert Rock 1. Discusses effects of nuclear explosions on men and equipment. Views troops and experiments at shot Buster-Jangle Dog. Made to reassure soldiers that there would be no danger from radiation (!?). Narrated with a dime-store novel, humorous tough-guy slant. Has Crossroads Baker footage and post-Hiroshima scenes. Camp Desert Rock sign at NTS, military and civilian VIPs, troops seated on ground, Buster-
Effects of Nuclear Weapons, Part 1 ; Introduction Revision 1962	FILM	UNCLASSIFIED	A			Footage begins with a review of the development of weapons, footage shows comparison between Conventional and Atomic weapons. Footage shows the effects of an atomic detonation, shockwave, radiation, fallout and electromagnetic pulse. Examines the effects of weapons detonated on the surface, underground,
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Effects of Nuclear Weapons, Part 1 ; Introduction Revision 1962	FILM	UNCLASSIFIED	A			Footage begins with a review of the development of weapons, footage shows comparison between Conventional and Atomic weapons. Footage shows the effects of an atomic detonation, shockwave, radiation, fallout and electromagnetic pulse. Examines the effects of weapons detonated on the surface, underground,
Effects of Nuclear Weapons, Part 1 ; Introduction Revision 1962 16mm OR(U)	FILM	UNCLASSIFIED	A			Footage begins with a review of the development of weapons, footage shows comparison between Conventional and Atomic weapons. Footage shows the effects of an atomic detonation, shockwave, radiation, fallout and electromagnetic pulse. Examines the effects of weapons detonated on the surface, underground,
(U) EGG 098116 ; Sailor Hat "B" ; ORG 16MM COLOR	FILM	UNCLASSIFIED	A		KD-II	SHOWS SHOCK WAVE PASSING OVER WATER. PICTURE IS OBSCURE AFTER 50 FRAMES.
(U) EGG 098115 ; Sailor Hat "B" ; ORG 16MM COLOR	FILM	UNCLASSIFIED	A		KD-II	SHOWS GROUND SHOCK AND DUST MOVING ACROSS FRAME. DUST OBSCURES PICTURE AFTER 150 FRAMES.

(U) EGG PERF 098119 ; SAILOR HAT "B" ; ORG 16MM COLOR	FILM	UNCLASSIFIED	A		KD-II	SHOWS SHOCK WAVE AND WATER SPRAY SURGING TOWARD SHIP. EJECTA IS SEEN SPLASHING INTO WATER IN FRONT OF SHIP.
(U) EGG 098117 ; Sailor Hat "B" ; ORG 16MM COLOR	FILM	UNCLASSIFIED	A	19 SEC.	KD-II	SHOWS SHOCK WAVE PASSING OVER WATER. PICTURE IS OBSCURE AFTER 25 FRAMES UNTIL FRAME 560.
(U) EGG PERF 098113 ; Sailor Hat "B" ; ORG 16MM COLOR	FILM	UNCLASSIFIED	A	26 SEC.	KD-II	SHOWS GROUND SHOCK AND DUST MOVING ACROSS FRAME. NOTHING VISIBLE AFTER FRAME 390.
(U)EGG PERF 098121 ; Sailor Hat "B" ; ORG 16MM COLOR	FILM	UNCLASSIFIED	A	26 SEC.	KD-II	SHOWS SHOCK PASSING OVER WATER. EJECTA IS SEEN SPLASHING INTO WATER.
(U) EGG PERF 098120 ; SAILOR HAT "B" ; ORG 16MM COLOR	FILM	UNCLASSIFIED	A			SHOWS SHOCK PASSING THROUGH WATER TOWARD SHIP. SPLASHES FROM EJECTA ARE SEEN IN THE FOREGROUND.
EGG 098112 ; Sailor Hat "B" ; WP 16MM COLOR	FILM	UNCLASSIFIED	A	26 SEC.	KD-II	SHOWS GROUND SHOCK AND DUST MOVING TOWARD CAMERA. NOTHING VISIBLE AFTER FRAME 270.
(U) EGG 098114 ; Sailor Hat "B" ; ORG 16MM COLOR	FILM	UNCLASSIFIED	A	.11 SEC.	KD-II	SHOWS GROUND SHOCK AND DUST MOVING TOWARD CAMERA. DUST OBSCURES PICTURE AFTER 350 FRAMES.
(U) EGG PERF 098105	FILM	UNCLASSIFIED	A	12 SEC.	KD-II	SHOWS BURST, EJECTA, AND CLOUD.
Blast Measurement Group in Operation Sandstone	FILM	UNCLASSIFIED	A			Sandstone ; Airblast and ground shock measurements and the blast measurement group of civilians and scientists involved. Aerials of Enewetok Atoll, island construction and preparation for testing, equipment loading and scientists boarding ships. Ship convoy to Marshall Islands, blast station and tower construction,
(U)EGG 098305 ; Sailor Hat "D"	FILM	UNCLASSIFIED	A	15 SEC.	KD-II	SHOWS EXPANDING SHOCK BUBBLE, SURFACE DUST, AND CLOUD RISE.
Crossroads "A" Blast	FILM	UNCLASSIFIED	A			Compilation of various angles/camera position of shot ; Some very good effect shots
CROSSROADS "A" AND "B" BLAST 16MM RP1 (U)	FILM	UNCLASSIFIED	A			SHOT FOOTAGE OF 18 (CROSSROADS) "A" AND "B" BLAST
Crossroads "A" and "B" Blast	FILM	UNCLASSIFIED	A			SHOT FOOTAGE OF 18 (CROSSROADS) "A" AND "B" BLAST
Crossroads "A" and "B" Blast	FILM	UNCLASSIFIED	A			SHOT FOOTAGE OF 18 (CROSSROADS) "A" AND "B" BLAST
SHOT FOOTAGE OF 18 (CROSSROADS) "A" AND "B" BLAST	FILM	UNCLASSIFIED	A			SHOT FOOTAGE OF 18 (CROSSROADS) "A" AND "B" BLAST
Defense Image Digest Equipment and Weapons Systems	FILM	UNCLASSIFIED	A			CD-ROM collection has 675 images of ships, aircraft, major weapons systems and other equipment used by US Military forces. The purpose of the collection is to provide Department of Defense(DoD) activities with a ready source of images to support operational, training, education, public affairs, and briefing requirements. First
SHOT FOOTAGE OF 18 (CROSSROADS) "A" AND "B" BLAST	FILM	UNCLASSIFIED	A			SHOT FOOTAGE OF 18 (CROSSROADS) "A" AND "B" BLAST
SAILOR HAT "D"	FILM	UNCLASSIFIED	A			EGG 098302: SHOWS BURST, SURFACE DUST, CLOUD, AND DISTORTION OF SMOKE TRAILS. EGG 098303: SHOWS BURST, AIR SHOCK BUBBLE HITTING SMOKE TRAILS, AND BEGINNING OF CLOUD RISE. EGG 098305: SHOWS EXPANDING SHOCK BUBBLE, SURFACE DUST, AND CLOUD RISE. EGG 098306: SHOWS AIR SHOCK BUBBLE OVER BURST, SURFACE DUST, AND CLOUD RISE. EGG 098319: SHOWS WATER SHOCK WAVE EFFECT ON SHIP. EGG
Crossroads "A" And "B" Blast 16MM RP1 (U)	FILM	UNCLASSIFIED	A			Nuclear Detonations and Effects. ; SHOT FOOTAGE OF 18 (CROSSROADS) "A" AND "B" BLAST
EGG 093707 ; FISHBOWL ; OR 35MM COLOR	FILM	UNCLASSIFIED	A		EDER FILM	SHOWS AURORA AND AIRGLOW IN DIRECTION OF BURST. FRAMES TAKEN MANUALLY.
MINOR SCALE (SHOT OF THE MONTH)	VIDEO	UNCLASSIFIED	A			VIDEO SHOWS 3 CLIPS OF THE DETONATION AND BLAST EFFECTS FOOTAGE ON 5 EXPERIMENTS: FULL SCALE HOUSE, COMMUNICATIONS SHELTERS, VEHICLES AND TEST EQUIPMENT

DTRA Combating Terrorism Integrated Technology Demonstration	VIDEO	U	A	00:14:58 min	DTRA Combating Terrorism Integrated Technology Demonstration (ITD) from February 2003. Narrated video that reviews the ITD program held in Florida in 2003. Interviews Matt Holm (DTRA TD), DTRA Program Manager. Participating agencies include DTRA, Air Force Research Laboratory (AFRL), NAVSEA Coastal Systems Station Air Force Civil Engineer Support Agency and Florida State University. Reviews four key technologies demonstrated in the ITD (1) Port Occurrence Response Training System (PORTS) software ; (2) Networked Sensors/C2 ; (3) Common Command and Control of Unmanned Systems (C3US) ; and (4) Underwater Forensics. The Industrial Transportation Model (ITRANS) was also demonstrated. Footage of desktop exercise showing first responders,
Atomic Weapons Orientation, Part 1 - Organization for Atomic Energy	VIDEO	U	A	17:45	An orientation for DoD officers, enlisted personnel, and civilians who are concerned with nuclear weapons and who have prior knowledge of the fission program. Historical
Project Cannikin	VIDEO	U	A	0:13:00	
Plumbbob - Priscilla Shot Footage	VIDEO	U	A	13:00 minutes	Plumbbob - Priscilla shot (detonation) footage (EG&G only)
An Introduction to the Air Force Research Laboratory (AFRL) (U)	FILM	UNCLASSIFIED	A	0:05:00	Major General Dick Paul. USAF Commander, AFRL gives an introduction to the video and states where AFRL is currently. As will be seen in the video AFRL has a new organizational structure, which is believed to respond to their changing environment. AFRL's goal are to operate more efficiently, to more aggressively integrate
Space and Missile Systems Center Today (U)	FILM	UNCLASSIFIED	A	0:21:37	Titan celebrates its 40th anniversary, acquisition begins for the next generation of gps based survival radios, the Space and Missile Systems Center creates a homepage on the world wide web, and other stories.
Space and Missile Systems Center Today (U)	FILM	UNCLASSIFIED	A	0:19:30	1 March 1 July 1992. A dawn of a new era has occurred and this footage shows a changing Space and Missile Systems Center. Information is provided about the new cultural organization and the great opportunities that
Space and Missile Systems Center Today August 1995 (U)	FILM	UNCLASSIFIED	A	0:25:09	Some stories discussed on this episode of Space and Missile Systems Center Today include SMC as an important role in the successful mission of the Space Shuttle Discovery, the Discus 3 satellite and its Atlas tow boosters, and the Delta Clipper experimental reusable launch vehicle successful tests. Delta Clipper is managed by Phillips
Space and Missile Systems Center Today July 1995 (U)	FILM	UNCLASSIFIED	A	0:25:42	Stories include another success for the nations largest expendable launch vehicle, another major setback for the Pegasus XL, a change of command at the Air Force Materials Command, good news for Kirtland about base
Space and Missile Systems Center Today March 1995 (U)	FILM	UNCLASSIFIED	A	0:18:00	Stories include SMC played an important role in the Space Shuttle Discovery mission, Edwards Air Force Base receives excellence award, Titan 4 and an innovative approach to the storage problem, 1995 base closure and
Space and Missile Systems Center Today January 1996 (U)	FILM	UNCLASSIFIED	A	0:21:00	A review of 1995 at SMC, with highlights of SMC's launches and other space products activities. Phillips Laboratory, acquisition reform achievements, community involvement, quality of life, and historic milestones.
Space and Missile Systems Center Today March 1997 (U)	FILM	UNCLASSIFIED	A	0:16:55	Stories include first launch of the Titan IVB space booster, sonic boom research on the Channel Islands, Air Force Secretary Sheila Widnall reviews the Airborne Laser at Phillips Laboratory, a series of guest speakers on Air Force
America's Lost Bombs: The True Story of Broken Arrows (U)	FILM	UNCLASSIFIED	A	02:00:00 hours	Broken Arrows: The History Channel's presentation of broken arrows, a program researched by Eric Longabardi (producer/investigative journalist) from Los Angeles, California. The program discusses the history of the United States' most serious nuclear weapons accidents. Includes footage from the Savannah River, Georgia; Palomares,
Decade Assembly Photographs	FILM	UNCLASSIFIED	A		Decade facility assembly operations. DTRA's Decade Radiation Test Facility (DRTF) came on line in mid 1990s and is operated by Arnold Engineering Development Center at Arnold Air Force Base, Tullahoma, Tennessee.The
Decade Assembly Video	FILM	UNCLASSIFIED	A		Decade facility assembly operations. DTRA's Decade Radiation Test Facility (DRTF) came on line in mid 1990s and is operated by Arnold Engineering Development Center at Arnold Air Force Base, Tullahoma, Tennessee.The
World War II: After the War Oct. 30, 2011	FILM	UNCLASSIFIED	A		Rare pictures of the German and Japanese during the end and after World War II
Atomic Bomb Testing, Nuclear Test Ban Treaty Signed, 1963. 16mm OR	FILM	Unclassified	A		Historic Newsreel footage, 16mm, Black and White, Original Print, in like new condition from the original Newsreel negatives of the time. This film is: Atomic Bomb Testing, Nuclear Test Ban Treaty Signed, 1963 ; Historic newsreel footage. This film begins with an above ground atomic bomb test in the ocean, huge
Historical Footage of Nuclear Fallout Land Collection	FILM	Unclassified	A		CD ROM for all summit attendees.

DTRA b(3) 2168

DSWA 50 Years of Service Ver. 3.0 (U)	FILM	UNCLASSIFIED	A	25:15:00		DSWA 50 Years of Service, Ver. 3.0 25:15 Minutes
DOE Film Declassification Project: Department of Energy and Nightline 1/16/97(U)	FILM	UNCLASSIFIED	A		25:00:00	25 Mintue Department of Energy Video received from Peter Kuran of VCE Inc. on 2/10/97.
Medical effects of the atomic bomb ; production by Cascade Pictures for the Air Force.(U)	FILM	UNCLASSIFIED	A			Medical effects of the atomic bomb ; production by Cascade Pictures for the Air Force. Has such memorable scenes as the guy thinking he is going to go bald from radiation and that he would be referred to as "chrome dome."
Nuclear Rescue 911: Broken Arrows & Incidents, Narrated by Adam West(U)	FILM	Unclassified	A	53:13:00		Broken Arrows and incidents narrated by Adam West. Using spectacular special effects, newly uncovered and recently declassified footage, filmmaker Peter Kuran (Trinity and Beyond) explores the accidents and exercises in the secret world of nuclear weapons.
(U) Nuclear Rescue 911	FILM	UNCLASSIFIED	A	0:53:13		Broken Arrows and incidents narrated by Adam West. Using spectacular special effects, newly uncovered and recently declassified footage, filmmaker Peter Kuran (Trinity and Beyond) explores the accidents and exercises in
Atomic Cinematographers Tribute 22 Oct 1997 (U)	FILM	UNCLASSIFIED	A			CNN Reoprt - 23 Oct 1997 - Interview with Ristvet
Project Peace Video Mpeg Format (U)	FILM	UNCLASSIFIED	A	0:44:00		From mid-1984 to mid-1985 the USGS (requested by DNA in co-op with DOE) engaged in Project P.E.A.C.E. (Pacific Enewetak Atoll Crater Exploration Program) an investigation of the KOA andOak craters at Enewetak Atoll to 1) Identify crater dimensions, morphology andstructures, 2) provide database for material-properties,
Operation Hurricane, This Little Ship (U)	FILM	UNCLASSIFIED	A	0:44:00		British film made as a tribute to the HMS Plym used during Operation Hurricane, the 1952 nuclear detonation at the Monte Bello Islands off Australia. Very superficial and campy film, but includes detonation footage.
Atomic Weapons Orientation, Part 1 - Organization for Atomic Energy a SANITIZED version as a result of the Film Declassification Project (FDP Set 4). (Organization for Atomic Energy) Beta Cam Video(U)	FILM	Unclassified	A			
Operation Cue (Revised) (U)	FILM	UNCLASSIFIED	A	0:14:00		Teapot - Operation Cue consisted of some 40 separate civil effects projects conducted by the Federal Civil Defense Administration (FCDA) during the Apple 2 test. Ten buildings representing a typical American community, complete with houses, utility stations, cars, furniture, appliances, food and mannequins dressed as family members were instrumented to measure blast, thermal and radiation effects. Civil Defense personnel
Operation Cue Blast Effects Photography (Apple 2) ; 3D Test Unrelated Footage ; National Archives 304.010 ; EGG Footage (U)	FILM	UNCLASSIFIED	A	EGG 029240-29265 ; 29270-29271, 292		Operation CUE blast effects photography. No Perf numbers on reel, but apparently are selected shots from reels L-145, 146, 147 EGG Footage 029240-29265 ; 29270-29271, 29273-29278, 29280-29283, 29292, 29284-29291 ; Includes 2 story brick over frame house, one story wood siding house, 2 interior scenes, aluminum Butler bldg, communication towers, LP gas pump house and tank, and house trailer, Good blast effects footage.
(U) Operation CUE blast effects photography, Civil Defense Administration Films	FILM	UNCLASSIFIED	A	0:23:34		Operation CUE blast effects photography. No Perf numbers on reel, but are selected shots from reels L-145, 146, 147 EGG Footage 029240-29265 ; 29270-29271, 29273-29278, 29280-29283, 29292, 29284-29291. Includes 2 story brick over frame house, one story wood siding house, 2 interior scenes, aluminum Butler bldg, communication towers, LP gas pump house and tank, and house trailer, Good blast effects footage.

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(U) Nuclear Weapons Accidents - Thule, Greenland and Palomares, Spain	FILM	UNCLASSIFIED	A	0:40:30	Palomares, Spain, and Thule, Greenland, nuclear weapons accidents. Begins with the silent footage of the 21 January 1968, nuclear weapon accident involving a B-52 bomber in Thule, Greenland. The aircraft, carrying four nuclear weapons, took off from Plattsburg Air Force Base, New York, on a 24-hour airborne alert mission. The first refueling was accomplished four hours into the mission without incident. A heater later malfunctioned, causing a fire. The fire caused electric power failure and could not be contained. The crew bailed out over Greenland. Six of the seven crewmen survived. The plane crashed and exploded on impact. The crash site was about eight miles from Thule Air Base in Greenland, and the outside temperature at the time was minus 24 degrees F. ; Conventional high explosives in the weapons detonated on impact and spread plutonium contamination over a large area. There was no nuclear yield. The film shows parts of the lengthy cleanup including snow plows scraping the ice, snow removal, snow cats, loading snow in tankers for storage using cranes, bulldozers etc. Tons of snow would later be shipped to the United States. Shows briefing and men
60 Minutes Time Bombs (U)	FILM	UNCLASSIFIED	A		60 Minutes Time Bombs
U.S. DOE Nevada Operations Office Nevada Test Site: The First 50 Years on DVD(U)	FILM	UNCLASSIFIED	A	28:10:00	U.S. DOE Nevada Operations Office Nevada Test Site: The First 50 Years
High Altitude Nuclear Effects-Systems Interference (U)	FILM	UNCLASSIFIED	A	4:29	High Altitude Nuclear Effects-Systems Interference, Sanitized March 1998. Through past nuclear testing, the Department of Defense and the Atomic Energy Commission determined that a nuclear weapon exploded at high
High Altitude Nuclear Effects-Systems Interference (U)	FILM	UNCLASSIFIED	A	16:29	High Altitude Nuclear Effects-Systems Interference, Sanitized March 1998
AWO Part 6: The Thermonuclear Weapon (U)	FILM	UNCLASSIFIED	A	30:00:00	AWO Part 6: The Thermonuclear Weapon Sanitized February 2000
AWO Part 6: The Thermonuclear Weapon (U)	FILM	UNCLASSIFIED	A	30:00:00	AWO Part 6: The Thermonuclear Weapon Sanitized February 2000
Target Nevada (U)	FILM	UNCLASSIFIED	A	0:14:20	The story of U.S. Air Force support to the Atomic Energy Commission on continental atomic tests. Includes footage of several detonations at the Nevada Test Site, Headquarters building of the Special Weapons Command and General John S. Mills. Footage of several Air Force aircraft, camera planes, recording planes, cloud trackers, cloud samplers, helicopters, weather room at control point. Also includes effects footage on aircraft, Dr. Alvin
Nuclear Effects During SAC Delivery Missions (U)	FILM	UNCLASSIFIED	A	30:50:00	Nuclear Effects During SAC Mission Sanitized October 1999
Nuclear Effects During SAC Mission (U)	FILM	UNCLASSIFIED	A	30:50:00	Nuclear Effects During SAC Mission Sanitized 01 October 1999
DSWA 50 Years of Service Ver. 3.0 (U)	FILM	UNCLASSIFIED	A	25:15:00	DSWA 50 Years of Service, Ver. 3.0 25:15 Minutes
Desert Storm T-6-Gun Camera T-TG. (U)	FILM	UNCLASSIFIED	A	60:39:00	Desert Storm Series Title: T-6-Gun Camera T-TG.
Therobaric Hellfire Flight Test (U)	FILM	UNCLASSIFIED	A	0:03:00	Midway Chameleon 9 therobaric (TB) hellfire missile flight test on 19 November 2002 at the DTRA Permanent High Explosive Test Site (PHETS), White Sands Missile Range (WSMR), New Mexico. Opens with a view of the AH-1 helicopter, AGM-114M TB filled missile launch, then shows view of 2-story target while voice over counts
60 Minutes - Loose Nukes ; PBS Frontline - Loose Nukes ; CNN - Stockpile Stewardship (U)	FILM	UNCLASSIFIED	A		60 Minutes in conjunction with US News and World Report published and aired a segment titled "Loose Nukes" and "The Worst Nightmare". There's a struggle by Organized Crime (Russian Mafia) and others to obtain a certain type of metal used in the making of Atomic Bombs. Also footage of PBS Frontline and CNN airing similar reports : "Loose Nukes" and "Stockpile Stewardship."
Hello, New Mexico (U)	FILM	UNCLASSIFIED	A	0:10	Hello, New Mexico KOAT-TV, ABC, Channel 7, Albuquerque, NM 10 July 1997.
(U) Ch. 7, KOAT-TV (ABC) DAISAC Footage in Declass Interview with DOE 08 JAN 1998	FILM	UNCLASSIFIED	A		Ch. 7, KOAT-TV (ABC) DAISAC Footage in Declass Interview with DOE 08 JAN 1998

DSWA Video 8-1-97, 25 min., LED/T-325 (U)	FILM	UNCLASSIFIED	A			DSWA Video 8-1-97, 25 min., LED/T-325
Large Blast Thermal Simulator Channel 7, KOAT-TV 10 August 1994 (U)	FILM	UNCLASSIFIED	A			Large Blast Thermal Simulator 10 August 1994. Channel 7, KOAT-TV, ABC Reporter: Karen McDaniel
ABC News Nightline 08/23/96 (U)	FILM	UNCLASSIFIED	A			ABC News Nightline aired on 23 August 1996.
Global 93 on Today Show (U)	FILM	UNCLASSIFIED	A			Global 93 on Today Show
KNME Colores! A Commitment to Peace, Exploring the myth and magic of the American Southwest (U)	FILM	UNCLASSIFIED	A			This program is part of the critically acclaimed, award-winning series COLORES! (pronounced Cho-lor'es) represents the various colors and hues0teh crimson of the sunsets, the deep blue of the sky, the turquoise and silver in the jewelry, the rich browns of the adobe-that combine to make a palette that is uniquely Southwest.Representing the many cultures that have contributed to the Southwest's uniqueness, COLORES! takes special not of Hispanic and Native American traditions. The series presents some of the Southwest's most
The Atom Strikes (U)	FILM	UNCLASSIFIED	A	31:00:00		"The Atom Strikes" gives an account of the first experimental atomic bomb blast in New Mexico, aerial views of Hiroshima and Nagasaki (Japan) bombing and close-up shots of devastated areas. Running time 31 min. Footage from an American mission into areas after the bombings. Footage opens with Trinity detonation from three camera angles on July 16, 1945. Shows brief Oak Ridge and Hanford footage. Includes Hiroshima bombing (August 6, 1945) devastation including ruins from zero point panning all directions. US military personnel pointing out flash burns on buildings, masonry, concrete and wood. ; Discusses distances of buildings from zero
ABC Good Morning Washington with LTC McGee. (PAO-DNA) (Ref NTPR) October 3, 1980 (U)	FILM	UNCLASSIFIED	A			
ABC Nightline: Nuclear Testing Repercussions and GMA 4 Part Series on Nuclear Arms (U)	FILM	UNCLASSIFIED	A			ABC Nightline, Monday 22 Nov 82, Nuclear Arms. 4 part series, Good Morning America, 22, 23, 24, and 26 Nov 82 Nuclear Testing.
ABC Nightline, Atomic Vets and Off-Site Radiation (U)	FILM	UNCLASSIFIED	A			ABC Nightline, Atomic Vets and Off-Site Radiation
ABC's Good Morning America Nuclear Weapon Locations (U)	FILM	UNCLASSIFIED	A			ABC's Good Morning America Nuclear Weapon Locations
The Atom Strikes (U)	FILM	UNCLASSIFIED	A	31:00:00		"The Atom Strikes" gives an account of the first experimental atomic bomb blast in New Mexico, aerial views of Hiroshima and Nagasaki (Japan) bombing and close-up shots of devastated areas. Running time 31 min. Footage from an American mission into areas after the bombings. Footage opens with Trinity detonation from three camera angles on July 16, 1945. Shows brief Oak Ridge and Hanford footage. Includes Hiroshima bombing (August 6, 1945) devastation including ruins from zero point panning all directions. US military personnel pointing out flash burns on buildings, masonry, concrete and wood. ; Discusses distances of buildings from zero
ABC - KOAT TV 7 Coverage of Film Declassification Project (U)	FILM	UNCLASSIFIED	A	0:30:00 (tape length)		Video recording of local KOAT TV 7 coverage of the joint U.S. Department of Energy/Defense Special Weapons Agency Film Declassification Project (FDP). Reporter Karen McDaniel and photographer Don Akin visited DASIAC on January 8, 1998, with Charles Demos, Ben McCarty, and Dr. Byron Ristvet.
Atomic Gun (280mm) at the Nevada Proving Ground (U)	FILM	UNCLASSIFIED	A	0:10:29		Upshot-Knothole ; Grable ; Shows gun being delivered to Nevada Test Site, loaded and firing of shot Grable.
Atomic Power (U)	FILM	UNCLASSIFIED	A	25:00:00		"Atomic Power" this march of time film details the history of the Atomic Bomb to its first test at Alamogordo,
Atomic Weapons and Fire (U)	FILM	UNCLASSIFIED	A	0:28:00		Illustrates characteristics and reactions under various conditions of certain explosives. Suggests methods for extinguishing such fires.

Atomic Tests in Nevada (U)	FILM	UNCLASSIFIED	A	0:24:56		Nontechnical film explaining the reasons (in 1955) for continental testing of nuclear weapons, describes testing procedures at the AEC Nevada Test Site, with detailed information on measures taken to protect the public.
Atomic Tests in Nevada (U)	FILM	UNCLASSIFIED	A	0:24:56		Nontechnical film explaining the reasons (in 1955) for continental testing of nuclear weapons, describes testing procedures at the AEC Nevada Test Site, with detailed information on measures taken to protect the public.
Atomic Support for the Soldier (U)	FILM	UNCLASSIFIED	A	00:25 min		Exercise Desert Rock 1. Discusses effects of nuclear explosions on men and equipment. Views troops and experiments at shot Buster-Jangle Dog. Made to reassure soldiers that there would be no danger from radiation (?). Narrated with a dime-store novel, humorous tough-guy slant. Has Crossroads Baker footage and post-Hiroshima scenes. Camp Desert Rock sign at NTS, military and civilian VIPs, troops seated on ground, Buster-
AWO Part 5 Effects of Nuclear Weapons (U)	FILM	UNCLASSIFIED	A	12:00		Atomic Weapons Orientation Part 5 Effects of Nuclear Weapons
Atomic Cafe Part One (U)	FILM	UNCLASSIFIED	A	60:00:00		COPYRIGHTED FILM COMPILED ENTIRELY FROM ARCHIVAL FOOTAGE FOCUSING ON THE 1940'S AND 1950'S
Atomic Vet: A Time Bomb? Pittsburgh Eyewitness News (U)	FILM	UNCLASSIFIED	A			Atomic Vet: A Time Bomb? Pittsburgh Eyewitness News 5 part series, aired Feb. 15-19, 1982. Reporter Ray Tannehill, Producer Aviva Raobord, Editor Dave McCleary.
Atomic Veteran Interviews, 5 Parts (U)	FILM	UNCLASSIFIED	A	30:00:00		Interviews-good early pix of Trinity, Oppenheimer, Enola Gay, Hiroshima, Nagasaki, Crossroads, and interviews.
FISHBOWL CM 35MM COLOR	FILM	UNCLASSIFIED	A		EDER FILM	Master-1st Movie made in LA.
EGG PERF 093321 ; STARFISH , OR 16MM COLOR	FILM	UNCLASSIFIED	A	0.03 SEC	KD II FILM	SHOWS DEBRIS AND AIRGLOW ABOUT THE BURST POINT.
Fishbowl Summary (U)	FILM	UNCLASSIFIED	A			Fishbowl summary sanitized. Declassified by DNA 16 September 1994. D-26-FBS
EGG 093707 ; FISHBOWL ; OR 35MM COLOR	FILM	UNCLASSIFIED	A		EDER FILM	SHOWS AURORA AND AIRGLOW IN DIRECTION OF BURST. FRAMES TAKEN MANUALLY.
EGG 093707 ; FISHBOWL ; OR 35MM COLOR	FILM	UNCLASSIFIED	A		EDER FILM	SHOWS AURORA AND AIRGLOW IN DIRECTION OF BURST. FRAMES TAKEN MANUALLY.
EGG 093707 ; FISHBOWL ; OR 35MM COLOR	FILM	UNCLASSIFIED	A		EDER FILM	SHOWS AURORA AND AIRGLOW IN DIRECTION OF BURST. FRAMES TAKEN MANUALLY.
EGG 093707 ; FISHBOWL ; OR 35MM COLOR	FILM	UNCLASSIFIED	A		EDER FILM	SHOWS AURORA AND AIRGLOW IN DIRECTION OF BURST. FRAMES TAKEN MANUALLY.
EGG 093707 ; FISHBOWL ; OR 35MM COLOR	FILM	UNCLASSIFIED	A		EDER FILM	SHOWS AURORA AND AIRGLOW IN DIRECTION OF BURST. FRAMES TAKEN MANUALLY.
EGG 093707 ; FISHBOWL ; OR 35MM COLOR	FILM	UNCLASSIFIED	A		EDER FILM	SHOWS AURORA AND AIRGLOW IN DIRECTION OF BURST. FRAMES TAKEN MANUALLY.
EGG 093707 ; FISHBOWL ; OR 35MM COLOR	FILM	UNCLASSIFIED	A		EDER FILM	SHOWS AURORA AND AIRGLOW IN DIRECTION OF BURST. FRAMES TAKEN MANUALLY.
EGG 093707 ; FISHBOWL ; OR 35MM COLOR	FILM	UNCLASSIFIED	A		EDER FILM	SHOWS AURORA AND AIRGLOW IN DIRECTION OF BURST. FRAMES TAKEN MANUALLY.
EGG 093412 ; STARFISH ; OR 35MM COLOR	FILM	UNCLASSIFIED	A	23 SEC	EDER FILM	SHOWS AURORAL ILLUMINATION OF SKY, LARGELY OBSCURED BY CLOUDS. DISTINCT LIGHT INTENSITY SECOND MAXIMUM IS SEEN.
Basic Physics of the Atom Bomb (U)	FILM	UNCLASSIFIED	A	0:19:00	Technicolor	Instructional film using using mostly animation to describe the basics of atomic weapons, both fission (gun-type) and fusion or implosion. Discussion of atoms, protons, neutrons, electrons, atomic numbers, weights, isotopes,
Operation Plumbbob Military Effects Studies (Bio-Medical Pig Experiments) (U)	FILM	UNCLASSIFIED	A	0:03:12		Operation Plumbbob Military Effects Studies (Bio-Medical Pig Experiments)
MN-5376B (Navy)-Radiological Safety at Opn Crossroads (U)	FILM	UNCLASSIFIED	A	0:26:00		MN-5376B (Navy)-Radiological Safety at Opn Crossroads
Blowdown Footage (Blast & Effects on Trees) (U)	FILM	UNCLASSIFIED	A	0:05:00		



Biological Effects of Ionizing Radiation (with Mark Barnett, M.P.H.) Part 1: Basic Concepts and History (U)	FILM	UNCLASSIFIED	A	0:20:00	Discusses the discovery of x-rays by roentgen, and the health problems of the radium dial painters and pitchblende miners. A discussion is begun of the determinants of radiation injury including the dose-response concept and repairable versus irreparable radiation injury. Continued in 7021b.
Biological Effects of Ionizing Radiation (with Mark Barnett, M.P.H.) Part 3: Long Term Effects of Ionizing Radiation Exposure Part 1: Genetic (U)	FILM	UNCLASSIFIED	A	0:20:00	Discussion of those radiation effects for which the latent period may be as long as 20 years. Somatic and genetic effects are contrasted and review is made in detail as to the means by which radiation induced genetic mutations may be passed from one generation to another.
Biological Effects of Ionizing Radiation (with Mark Barnett, M.P.H.) Part 4: Long Term Effects of Ionizing Radiation Exposure Part 2: Somatic	FILM	UNCLASSIFIED	A	0:30:00	Review of the long-term somatic effects of ionizing radiation including carcinogenic, cataractogenic, embryological and life-span shortening effects.
Bioterror (U)	FILM	UNCLASSIFIED	A	1:30:00	Bioterror ; NOVA, in collaboration with the New York Times and Granada Media, gives an up to date analysis of the current biological warfare threat. The program reveals details of the secret biological warfare programs of the Soviet Union and United States during the cold war. The show follows New York Times reporters and authors of the best selling book Germs, Judith Miller, William Broad, and Stephen Engelberg as they gather details of germ warfare. ; Miller visits abandoned Soviet germ factories once thought to produce enough biological weapons to kill everyone in the world "ten times over." The show visits the US Army's Fort Detrick facility and
Biological Effects of Ionizing Radiation (with Mark Barnett, M.P.H.) Part 2: Determinants of Radiation Injury and the Acute Radiation Syndrome (U)	FILM	UNCLASSIFIED	A	0:20:00	Continuing (from 7021-PTI) discussion of the determinants of radiation injury including the dpse-rate concept, individual semsitivity (LD50) & cell sensitivity. Acute & chronic effects & long- and short-term effects are contrasted. The four stages of acute radiation syndrome are reviewed.
DASIAC D and D Roll (U)	FILM	UNCLASSIFIED	A	0:17:00	Nuclear explosion effects footage compiled from a number of sources though ultimately traceable to effects
CBS Evening News: Senator Kennedy on Nuclear Power (U)	FILM	UNCLASSIFIED	A	0:10:00	
CBS 60 Minutes Segment with ADM Monroe, DIR, DNA, REF NTPR (U)	FILM	UNCLASSIFIED	A		CBS 60 Minutes Segment with ADM Monroe, DIR, DNA, REF NTPR aired on 28 September 1980.
CBS Evening News, Huron King Segment (U)	FILM	UNCLASSIFIED	A		CBS Evening News, Huron King Segment aired 2/26/81.
KQED Broken Arrow (U)	FILM	UNCLASSIFIED	A		Channel 26, KQED Broken Arrow aired April 21, 1981, 10:30pm.
CBS Special Report, Weapons for the Future" (U)	FILM	UNCLASSIFIED	A		CBS Special Report, Weapons for the Future" aired on 05 October 1981 by briefer Major Lapore.
Cold War Casualties Series (Coverage of Mr. Van Brandon Allegations)	FILM	UNCLASSIFIED	A		KLAS-TV Channel 8, Las Vegas coverage of Mr. Van Brandon allegations aired on January 14, 1982 by commentator Dan Dare of News Information Weekly Service regarding nuclear test personnel review.
CBS Evening News, Direct Course Segment, November 7, 1983 (U)	FILM	UNCLASSIFIED	A	0:02:00	CBS Evening News, Direct Course Segment, November 7, 1983 Simulated Nuclear Test-HE.

CBS Morning News, Nuclear Fallout in Utah (Ref: JAMA Study) (U)	FILM	UNCLASSIFIED	A			CBS Morning News, Nuclear Fallout in Utah (Ref: JAMA Study) aired August 5, 1983.
"Countdown for America", Peace Poll Version and Promos (U)	FILM	UNCLASSIFIED	A	0:26:20		Countdown for America, Peace Poll Version and Promos.
(U) DASIAC Stock Footage	FILM	UNCLASSIFIED	A	0:10:10		Compilation tape of Nevada Test Site (NTS) and Pacific Proving Ground (PPG) tests (detonations) including
(U) Bravo Shot Footage HV-99-BRAVO-1 BETACAMSP	FILM	UNCLASSIFIED	A	0:09:00		Castle Bravo compilation detonation tape transferred from 16mm work prints. Similar to VTS 22BRA but does not have 22MOG005.
Trinity & Beyond The Atomic Bomb Movie, Early Background Material #1 (U)	FILM	UNCLASSIFIED	A	0.0625		Trinity & Beyond The Atomic Bomb Movie, Early Background Material Tape #1 of 4. Nuclear tests, Deannie Holland, etc.
Trinity & Beyond Excerpts #2 Dr. Shelton Interviews (U)	FILM	UNCLASSIFIED	A	0:53:00		Trinity & Beyond Excerpts, Dr. Shelton Interviews. This tape includes most of the Shelton interview for the movie. Tape #2 of 4.
Trinity & Beyond #3 Dr. Edward Teller Interview 12/97 (U)	FILM	UNCLASSIFIED	A			Trinity & Beyond #3 Dr. Edward Teller Interview 12/97 Tape #3 of 4. We worked up 7 interviews subjected a) When were you interested in math? b) When were you interested in science? c) When were you interested in Nuclear Weapons d) Hydrogen Bomb e) Future of Science, etc. Only 2 small clips c) and d) could be used in the
Atomic Weapons Orientation Pt V, Effects of Nuclear Weapons 16 MM PR1 (U)	FILM	UNCLASSIFIED	A	00:12:00 min	16 MM w/sound	Blast pheonmena and 3effects of air, ground, and water bursts, (Cleared for Public Release)
Dipole Might 32 (RV Test) Channel 7, KOAT-TV, Albuquerque, New Mexico, 28 Nov 2000 (U)	FILM	UNCLASSIFIED	A			Dipole Might 32 (RV Test) Channel 7, KOAT-TV, Albuquerque, New Mexico, 28 Nov 2000.
Damascus Arkansas Titan Missile Incident Television Reports (U)	FILM	UNCLASSIFIED	A	0:33:38		Damascus, Arkansas Titan II missile incident television news coverage. Covers the September 19, 1980 incident when a dropped wrench punctured the fuel line and tank of the Titan missile in its silo. The fuel later exploded and the warhead was blown off the missile. Eleven people were injured and one person was killed. Footage
Dipole West (U)	FILM	UNCLASSIFIED	A	0:14:00		Dipole West. Report on the multiple burst high-explosive (HE) test, blast wave interaction and reflection
60 Minutes Nuclear Weapons, 31 October 1993 (U)	FILM	UNCLASSIFIED	A			60 Minutes Nuclear Weapons, 31 October 1993
An Orientation for Law Enforcement Organization (U)	FILM	UNCLASSIFIED	A	0:10:05		An Orientation for Law Enforcement Organization
Ripple Rock (U)	FILM	UNCLASSIFIED	A	0:27:00		The Story of Ripple Rock, the Devil Beneath the Sea. When Ripple Rock blew at 9:31a.m. April 5, 1958 the sight was awesome. Seven hundred thousand tons of rock and water eruped in a blast that reached a height of 1,000 feet (305 metres). On a cloudy, quiet morning, April 5, 1958, Ripple Rock was blasted away in a matter of
Medical Aspects of Nuclear Radiation, PAVI F 0038, 16MM RP1 (U)	FILM	UNCLASSIFIED	A		5004 ; PAVI F 0038 ; MF 7897 (A)	Explanation of effects of radiation on humans and a comparison of blast and burn effects (Cleared for Public Release).
Effects of the Atomic Bomb on Hiroshima and Nagasaki, PAVI F 0045, 16MM R1P1 (U)	FILM	UNCLASSIFIED	A	0:24:00		Anylsis of effects on various types of structures.
Operation Greenhouse, 16MM R1 P2, PAVI F 0052 (U)	FILM	UNCLASSIFIED	A	20-2 ; 20 2, PAV	16MM	Effects of blast and heat on structures, aircraft, and other items. (Cleared for Public Release).

Navy Participation in A-Tests, PAVI F 0048, 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:14:00		Different aspects of work during JTF7 stays at proving grounds. (Cleared for Public Release.)
Basic Physics of the Atom Bomb (U)	FILM	UNCLASSIFIED	A	0:19:00	Technicolor	Instructional film using using mostly animation to describe the basics of atomic weapons, both fission (gun-type) and fusion or implosion. Discussion of atoms, protons, neutrons, electrons, atomic numbers, weights, isotopes,
Basic Physics of the Atom Bomb, PAVI F 0055, RP1 (U)	FILM	UNCLASSIFIED	A	0:20:00	16MM	Principles of atomic fission. (Cleared for Public Release.)
Basic Physics of the Atom Bomb, PAVI F 0055, RP1 PRINT 6 (U)	FILM	UNCLASSIFIED	A	0:20:00	16MM	Principles of atomic fission. (Cleared for Public Release.)
Operation Blowdown (Gen Report), PAVI F 0054, 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:19:00	16MM	Effects of nuclear explosions in rain forests. (Cleared for Public Release.)
Operation Greenhouse, 16MM R1 P2, PAVI F 0052 (U)	FILM	UNCLASSIFIED	A	20-2 ; 20 2, PAV	16MM	Effects of blast and heat on structures, aircraft, and other items. (Cleared for Public Release).
H-HOUR MINUS TEN, PAVI F 0059, 16MM, RP1 OF 1, PRINT 9 (U)	FILM	UNCLASSIFIED	A	0:10:00	16MM	"H-HOUR MINUS TEN" SHOWS LOCATION OF EQUIPMENT, AND DAMAGE TO SAME, FROM AN ATOMIC BLAST.
H-HOUR MINUS TEN, PAVI F 0059, 16MM, RP1	FILM	UNCLASSIFIED	A	0:10:00	16MM	LOCATION OF EQUIPMENT, AND DAMAGE TO SAME, FROM AN ATOMIC BLAST.
H-HOUR MINUS TEN, PAVI F 0059, 16MM, RP1 PRINT 11 (U)	FILM	UNCLASSIFIED	A	0:10:00	16MM	LOCATION OF EQUIPMENT, AND DAMAGE TO SAME, FROM AN ATOMIC BLAST.
Living With Nuclear Weapons 16MM RP1 PAVI F 0058 (U)	FILM	UNCLASSIFIED	A	0:23:00	16MM	Safeguards employed to preclude accidental detonations. (Cleared for Public Release.)
Direct Course at White Sands Missile Range New Mexico (U)	FILM	UNCLASSIFIED	A	0:05:40		Direct Course at White Sands Missile Range New Mexico Press Release Video. 00:00:00-00:01:17 Filling Ball with Explosive ; 00:01:17-00:02:02 Blast from Admin Park ; 00:02:02-00:05:05 Observation Point Blast ; 00:05:05-00:05:40 Crowd at Op.
DoD Press Briefing Defense Threat Reduction Agency 1 October 1998 (U)	FILM	UNCLASSIFIED	A			Department of Defense (DoD) Press Briefing for Establishment of the Defense Threat Reduction Agency (DTRA) on October 1, 1998. Secretary of Defense William S. Cohen begins the briefing followed by the Deputy Secretary of Defense (DEPSECDEF) the Hon. John Hamre. Mr. Hamre describes the formation of DTRA by the Defense Special Weapons Agency (DSWA), Defense Technology Security Administration (DTSA), and On-site Inspection Agency (OSIA). DTRA formed by DoD Directive 5105.62 on October 1, 1998, by the consolidation of the above
Nuclear Effects Lab at White Sands, PAVI F 0062, MF 45 9547, 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:20:00	16MM	Capabilities for testing nuclear effects weapons systems.
Nuclear Effects Lab at White Sands, PAVI F 0062, MF 45 9547, 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:20:00	16MM	Capabilities for testing nuclear effects weapons systems.
Operation Longshot Quick Look Report, 30 122Q, PAVI F 0064 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:15:00		Deep underground test in Aleutian Islands, (Cleared for Public Release).
Weapons Effect Display System, COBA 176 PAVI F 0068 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:14:00	16MM	Heat, blast, and radiation effects from nuclear explosions.

Effects of the Atomic Bomb on Hiroshima and Nagasaki (U)	FILM	UNCLASSIFIED	A	0:24:00		Anylsis of effects on various types of structures.
Channel 7 News (ABC-Local) Tour of AFRRRI & Interview with PAO Dr. Conrad at Kennedy Hearings (U)	FILM	UNCLASSIFIED	A			Channel 7 News (Local) Tour of AFRRRI & Interview with PAO Dr. Conrad at Kennedy Hearings
The Donahue Show: Atomic Vets October 1983(U)	FILM	UNCLASSIFIED	A			
DIRECT COURSE, 503134DH, R1Print 4, PAVI F 0116 (U)	FILM	UNCLASSIFIED	A	0:27:00	16MM	
DIRECT COURSE, 503134DH, R1Print 2, PAVI F 0116 (U)	FILM	UNCLASSIFIED	A	0:27:00	16MM	
Effects of Nuclear Weapons, Part 1 ; Introduction Revision 1962 (U)	FILM	UNCLASSIFIED	A	0:13:00		Footage begins with a review of the development of weapons, footage shows comparison between Conventional and Atomic weapons. Footage shows the effects of an atomic detonation, shockwave, radiation, fallout and electromagnetic pulse. Examines the effects of weapons detonated on the surface, underground,
Effects of Nuclear Weapons, Part 2 The Air Burst (U)	FILM	UNCLASSIFIED	A			Blast, thermal and radiation effects of an air burst with scaling.
Effects of Nuclear Weapons, Part 3 - The Ground Burst (U)	FILM	UNCLASSIFIED	A	0:36:00		Goes more into depth of burst and relocation to shock etc. a brief overview of different types of burst. Has some good ?Basic Effects? Footage.
Effects of Nuclear Weapons, Part 5-Target Considerations (U)	FILM	UNCLASSIFIED	A	0:30:00		Film deals with the effects of nuclear weapons on various types of targets. By the use of animation, the effects of varying the height of burst & the yield on both hard & soft military targets are demonstrated.
Effects of Nuclear Weapons, Part 4-The Water Burst (U)	FILM	UNCLASSIFIED	A	0:33:00		Shows the effects of nuclear bursts over water, at the surface, in shallow water, nuclear radiation, wave heights, and mushroom cloud configurations for various types of water shots.
DIPOLE WEST, 503125DH, PAVI F 127, 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:14:00	16MM	Blast wave interaction and reflection phenomena to verify and augment multiburst computer calculations.
Nuclear Weapons Effects on Ionosphere, SRI 5 2341, PAVI F 135, R1 Print 4, 16MM (U)	FILM	UNCLASSIFIED	A	0:28:00	16MM	Studies conducted on effects of high altitude nuclear explosions on HF communications systems and radar systems.
Nuclear Weapons Effects on Ionosphere, SRI 5 2341, PAVI F 135, R1 Print 5, 16MM (U)	FILM	UNCLASSIFIED	A	0:28:00	16MM	Studies conducted on effects of high altitude nuclear explosions on HF communications systems and radar systems.
(U) Atomic Tests Trinity Through Buster-Jangle Video	FILM	UNCLASSIFIED	A	0:22:40		Trinity through Buster-Jangle composed of stock footage.
(U) Plumbbob ; RP1 16MM COLOR	FILM	UNCLASSIFIED	A	3 min		Nuclear Detonations and Effects. ; Smoky - footage of Plumbbob Smoky - fireball
Electromagnetic Interference from Nuclear Explosions (U)	FILM	UNCLASSIFIED	A	0:31:00		Effects of nuclear explosions on the ionosphere and associated electromagnetic phenomena. Mostly done with graphics, does contain footage of Redstone rocket on launch pad and teak detonation.
Enewetak A Radiological Cleanup (U)	FILM	UNCLASSIFIED	A	0:21:00		Describes the radiological cleanup of Enewetak Atoll undertaken by DNA. Covers the history of the Atoll, the 5 years of planning that preceded the cleanup, the 3 phases (mobilization, cleanup, demobilization) accomplished by the Department of Defense (DoD) and Department of Energy (DOE), and the rehabilitation and resettlement
PGE Industrial Inc. SuperHOT Cutting System Demonstration Video (U)	FILM	UNCLASSIFIED	A	0:05:00		PGE Industrial Inc. SuperHOT Cutting System Demonstration Video Ukraine Mod. Video demo, music only. Video demonstrates device cutting aluminum, steel, concrete, and piercing metal.

(U) 509th AAF Group's Pre-Nagasaki Tinian Footage	FILM	UNCLASSIFIED	A	10 min for all 4 ; 00:11:00	Pre-Nagasaki footage from Tinian Island. Four reels, silent. First scene shows (in color) painting and inspecting the bomb (Fat Man). Second scene shows embellishment and various military personnel adding graffiti on bomb.
509th AAF Group's Pre-Hiroshima Tinian Footage Umatic 14min(U)	FILM	UNCLASSIFIED	A	0:14:00	509th AAF Group's Pre-Hiroshima Tinian Footage. Video shows footage of LB being prepared to move to be loaded into the aircraft. Next scene shows aircraft being loaded with the weapon. The next scene shows the crew, and the final scene shows the aircraft taking off.
509th AAF Group's Pre-Hiroshima Tinian Footage (U)	FILM	UNCLASSIFIED	A	0:13:26	509th AAF Group's Pre-Hiroshima Tinian Footage. Video shows footage of LB being prepared to move to be loaded into the aircraft. Next scene shows aircraft being loaded with the weapon. The next scene shows the
509th AAF Group's Pre-Hiroshima and Pre-Nagasaki Tinian Footage, and D-35 Nuclear Detonations at PPG and NTS Umatic (U)	FILM	UNCLASSIFIED	A	0:31:00	Three videos on one tape: 509th AAF Group's Pre-Hiroshima, 509th AFF Group's Pre-Nagasaki Tinian Footage, and D-35 Nuclear Detonations at PPG and NTS.
Operation Castle Atomic Warfare Countermeasures and 509th AAF Group's Pre-Hiroshima Tinian Footage (U)	FILM	UNCLASSIFIED	A	0:30:00	Two films on one tape: Department of the Navy Operation Castle Atomic Warfare Countermeasures Bureau of Ship Project 6.4 and 509th AAF Group's Pre-Hiroshima Tinian Footage.
Fishbowl Summary ; CM 16MM	FILM	UNCLASSIFIED	A		Compilation of EG&G scientific films on the Fishbowl high altitude shots. Each of the 23 records shown is preceded by a frame indicating the shot, the EGG record number, and camera location. No framing speed is
General Effects of the Atomic Bombs on Hiroshima and Nagasaki (U)	FILM	UNCLASSIFIED	A	0:22:00	Discussion and analysis of the general, physical characteristics of Hiroshima and Nagasaki, Japan, prior to and after the bombings. Includes map and discussion of terrain around Hiroshima. Shows prebomb footage of industrial and domestic buildings, transportation modes (trains and cars), communication lines, police force and fire department personnel. Then postbomb footage of devastation. Shows map of zero point, blast damage
Field Command JNACC Story May 1983 (U)	FILM	UNCLASSIFIED	A		Field Command JNACC Story May 1983
Eyewitness News, Channel 9 on EMP (U)	FILM	UNCLASSIFIED	A	0:05:00	Eyewitness News, Channel 9 Steve Gender (Local) on EMP. Interview with Ed Conrad.
General Effects of the Atomic Bombs on Hiroshima and Nagasaki (U)	FILM	UNCLASSIFIED	A		Discussion and analysis of the general, physical characteristics of Hiroshima and Nagasaki, Japan, prior to and after the bombings. Includes map and discussion of terrain around Hiroshima. Shows prebomb footage of industrial and domestic buildings, transportation modes (trains and cars), communication lines, police force and fire department personnel. Then postbomb footage of devastation. Shows map of zero point, blast damage
Fishbowl Summary ; CM 16MM	FILM	UNCLASSIFIED	A	0:36:00	Compilation of EG&G scientific films on the Fishbowl high altitude shots. Each of the 23 records shown is preceded by a frame indicating the shot, the EGG record number, and camera location. No framing speed is
Film Restoration (U)	FILM	UNCLASSIFIED	A		Film restoration segments by Discovery Channel and The Learning Channel. Pete Kuran and RCI process. How
Strangelove Feature Film recorded on VHS(U)	FILM	UNCLASSIFIED	A		Full length feature film on video. ; Dr. Strangelove Feature Presentation from Columbia Pictures, Black and White
H-Hour Minus Ten (U)	FILM	UNCLASSIFIED	A	0:10:00	H-hour minus ten shows location of equipment, and damage to same, from an atomic blast conducted at yucca
Hale Fire Pump Company (U)	FILM	UNCLASSIFIED	A	0:06:00	Hale Fire Pump Company video about the Hurst Jaws of Life power rescue tools. The video shows the different
Hiroshima (U)	FILM	UNCLASSIFIED	A	0:11:00	Characteristics of Hiroshima (Japan) prior to and after the bombing.
Operation Wigwam 16MM RP2 of 4 (U)	FILM	UNCLASSIFIED	A		Use of dummy submarines to obtain data of atomic bomb effectiveness on enemy subs.
Operation Wigwam 16MM RP3 of 4 (U)	FILM	UNCLASSIFIED	A		Use of dummy submarines to obtain data of atomic bomb effectiveness on enemy subs.
Operation Wigwam 16MM RP4 of 4 (U)	FILM	UNCLASSIFIED	A		Use of dummy submarines to obtain data of atomic bomb effectiveness on enemy subs.
HIROSHIMA 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:11:00	16MM Characteristics of Hiroshima prior to the bombing.

Introduction to EMP Hardening Installation Techniques (U)	FILM	UNCLASSIFIED	A	0:19:10	Introduction to EMP Hardening Installation Techniques
Large Blast/Thermal Simulator (LB/TS) (U)	FILM	UNCLASSIFIED	A	0:00:30	Defense Special Weapons Agency (DSWA) Large Blast Thermal Simulator (LB/TS) is a 176-meter-long tunnel capable of simulating nuclear blast and thermal environments without the use of radioactive material. The LB/TS
Hardtack I Johnston Island Aerials (U)	FILM	UNCLASSIFIED	A		Hardtack ; Johnston Island aerials. Compilation tape of Johnston Island and Sand Island aerials. Shows Orange missile launch pad with missile in place.
(U) Harold Agnew A-bomb Footage	FILM	UNCLASSIFIED	A		Hiroshima ; bombing footage from the 6 August 1945 bombing of Hiroshima, Japan. This footage is from a 16mm film taken by Harold Agnew, a physicist who monitored the bombing from the Great Artiste, the instrument plane that accompanied the Enola Gay. Footage begins with color scenes of the Tinian Island American Cemetary (shows sign in foreground). Then moves to airfield showing parked aircraft (B-29) with the ocean in the
The MacNeil/Lehrer News Hour on the Kaman Corp., Profiting for Peace (U)	FILM	UNCLASSIFIED	A		The MacNeil/Lehrer News Hour on the Kaman Corp. Profiting for Peace
Let's Face It (U)	FILM	UNCLASSIFIED	A	0:14:00	Federal Civil Defense Administration (FCDA) film about preparations for nuclear attack. Opens with LA Examiner headline "RUSS EXPLODES H-BOMB." Includes footage of Air Raid Warden, bomb shelters, citizens moving to shelters, Civil Defense map and personnel at work, broadcasting facilities and procedures, fallout detection, disaster footage (including Hiroshima), effects footage from Enewetak with postshots of damage. Moves to preparation of Area 1 in Yucca Flat at the Nevada Proving Ground (Nevada Test Site) for Operation Teapot shot Apple 2 involving in part some 40 Civil Defense effects (Operation Cue) tests. ; Construction of test city (doom
Look at Us (U)	FILM	UNCLASSIFIED	A	0:27:00	Look at Us, Late Night Magazine Show 10 Minute Segment on Atomic Soldiers. Segment begins 17 minutes into
The Last Epidemic (U)	FILM	UNCLASSIFIED	A		The Last Epidemic sponsored by Physicians for Social Responsibility.
Let's Face It (U)	FILM	UNCLASSIFIED	A	0:14:00	Federal Civil Defense Administration (FCDA) film about preparations for nuclear attack. Opens with LA Examiner headline "RUSS EXPLODES H-BOMB." Includes footage of Air Raid Warden, bomb shelters, citizens moving to shelters, Civil Defense map and personnel at work, broadcasting facilities and procedures, fallout detection, disaster footage (including Hiroshima), effects footage from Enewetak with postshots of damage. Moves to preparation of Area 1 in Yucca Flat at the Nevada Proving Ground (Nevada Test Site) for Operation Teapot shot Apple 2 involving in part some 40 Civil Defense effects (Operation Cue) tests. ; Construction of test city (doom
Lt Gen Griffith, Director, DNA Talk at Strategic Structures Dinner, SRI (U)	FILM	UNCLASSIFIED	A		Lt Gen Griffith, Director, DNA Talk at Strategic Structures Dinner, SRI
Medical Aspects of Nuclear Radiation (U)	FILM	UNCLASSIFIED	A	0:20:00	An explanation of the effects of radiation on human beings and a comparison of blast and heat effects (burns). Discusses neutrons, gamma rays, alpha particles, and beta particles. Shows historical medical research footage
Military Effects Studies on Operation Castle (U)	FILM	UNCLASSIFIED	A	0:40:00	An excellent review of weapon effects from surface bursts. The Castle series was held to test large yield thermonuclear, or hydrogen devices. Opens with aerial footage of Bravo detonation. Shows aerial of Bikini Atoll then maps of Bikini and Enewetak atolls. Discussion of the effects of surface bursts including nuclear radiation, fallout, washdown systems, brief thermal discussion, blast, and shock effects. Radiation discussion includes initial gamma dose discussion and instrumentation. Uses maps and graphics. Fallout discussion includes Jangle shot at the Nevada Test Site (NTS). Moves to map of islands with graphic of cloud growth and movement. Footage of collectors including total collectors (e.g., gum paper trays and funnels) and intermittent collectors (e.g., belt samplers and rotating drums with collection trays). Shows placement footage of raft and buoy stations in Bikini lagoon. Also shows water survey and sampling footage. ; Discussion of the islands affected by the fallout from shot 1 (Bravo) and the evacuation process to Kwajalein. Total gamma dose estimates per island is discussed.

Military Effects Studies on Operation Castle (U)	FILM	UNCLASSIFIED	A	0:38:00	An excellent review of weapon effects from surface bursts. The Castle series was held to test large yield thermonuclear, or hydrogen devices. Opens with aerial footage of Bravo detonation. Shows aerial of Bikini Atoll then maps of Bikini and Enewetak atolls. Discussion of the effects of surface bursts including nuclear radiation, fallout, washdown systems, brief thermal discussion, blast, and shock effects. Radiation discussion includes initial gamma dose discussion and instrumentation. Uses maps and graphics. Fallout discussion includes Jangle shot at the Nevada Test Site (NTS). Moves to map of islands with graphic of cloud growth and movement. Footage of collectors including total collectors (e.g., gum paper trays and funnels) and intermittent collectors (e.g., belt samplers and rotating drums with collection trays). Shows placement footage of raft and buoy stations in Bikini lagoon. Also shows water survey and sampling footage. ; Discussion of the islands affected by the fallout from shot 1 (Bravo) and the evacuation process to Kwajalein. Total gamma dose estimates per island is discussed.
Minor Scale 3 Detonation Clips (U)	FILM	UNCLASSIFIED	A	0:05:20	Minor Scale 3 Detonation Clips. Shot of the month. Views 3 detonation clips and blast effects footage on 5 experiments (house, communication, shelters, vehicles, and test equipment).
Midas Myth 15 February 1984 from -10 Seconds to +30 Seconds (U)	FILM	UNCLASSIFIED	A		Midas Myth 15 February 1984 from -10 Seconds to +30 Seconds A/B 0 time.
Midas Myth Zero Time Mesa Top 15 February 1984 (U)	FILM	UNCLASSIFIED	A		Midas Myth Zero Time Mesa Top 15 February 1984
Midas Myth/Milagro Tom Clark Press Conference April 30, 1984, Part I (U)	FILM	UNCLASSIFIED	A		Midas Myth/Milagro Tom Clark Press Conference April 30, 1984, Part I
Midas Myth/Milagro Tom Clark Press Conference, Part II (U)	FILM	UNCLASSIFIED	A		Midas Myth/Milagro Tom Clark Press Conference, Part II
Midas Myth/Milagro Tom Clark Press Conference February 16, 1984 (U)	FILM	UNCLASSIFIED	A	0:41:00	Midas Myth/Milagro Tom Clark Manager NVOO Press Conference February 16, 1984.
NBC-Overnight, EMP Segment for First Camera 18 August 1983 (U)	FILM	UNCLASSIFIED	A	0:10:00	NBC-Overnight, EMP Segment for First Camera 18 August 1983
Nagasaki Burst and Cloud (U)	FILM	UNCLASSIFIED	A	0:03:00	Nuclear Detonations and Effects
NBC News, No More Monkeys for Medical Research (U)	FILM	UNCLASSIFIED	A	0:03:00	NBC News, No More Monkeys for Medical Research
NBC Today Show: Testing and NTPR (U)	FILM	UNCLASSIFIED	A		NBC Today Show: Testing and NTPR ; Nuclear Test
NBC Today Show Atomic Bomb Testing 06 August 1982, CBS Morning News: Atomic Testing Veterans 10 August 1982, 17 September 1982 Lawsuits for Atomic Fallouts (U)	FILM	UNCLASSIFIED	A		Item 1: NBC Today Show Atomic Bomb Testing 06 August 1982, 7VA-893-001-SF82. Item 2: CBS Morning News: Atomic Testing Veterans 10 August 1982, 7VA-903-001-SF82. Item 3: 17 September 1982 Lawsuits for Atomic Fallouts, 7VA-1077-001-SF82
NBC Evening News Segment on Van Brandon (NTPR) (U)	FILM	UNCLASSIFIED	A	0:02:00	NBC Evening News segment on Van Brandon (NTPR) 12 February 1982, Atomic Radiation Exposure.
Nagasaki Detonation (U)	FILM	UNCLASSIFIED	A	0:03:00	Nagasaki detonation and cloud formation. Not much of the detonation is visible from this aerial footage; mostly

(U) Nevada, Atomic Tests in and Target	FILM	UNCLASSIFIED	A		Compilation tape of "Target Nevada" and "Atomic Tests in Nevada." Tape also contains Upshot-Knothole - Harry shot.
Nixon / Khrushchev Kitchen Debate (U)	FILM	UNCLASSIFIED	A	0:15:30	Nixon and Khrushchev Kitchen Debate ; "On July 24, 1959, Vice President Richard Nixon and Soviet Premier Nikita Khrushchev held a public discussion at the American National Exhibit in Moscow comparing the technologies of the two powers. In the debate, they discussed household items such as color televisions and in
Nuclear Detonations at PPG and NTS (U)	FILM	UNCLASSIFIED	A	0:06:00	Stock footage. Compilation of 5 Pacific Proving Ground (PPG) bursts and 1 Nevada Test Site (NTS) burst (detonation or fireball) made from 35 mm originals. Includes footage of Tewa, Huron, Flathead, Harlem,
Nuclear Detonations at NTS (U)	FILM	UNCLASSIFIED	A	0:40:00	Order of Appearance: George-Tumbler/Snapper-Tower Shot-15 KT 1 June 1952 (Fireball) ; Baker-Tumbler/Snapper-airdrop-1 KT 15 April 1952 (Surface Detonation Cloud) ; Dog-Tumbler/Snapper-Airdrop-19 KT 1 May 1952 (Fireball and Cloud) ; Dog-Tumbler/Snapper-Airdrop-19 KT 1 May 1952 (Fireball and Cloud) ; Nancy-Upshot/Knothole-Tower Shot-24 KT 24 March 1953 (Fireball) ; Nancy-Upshot/Knothole-Tower Shot-24 KT 24 March 1953 (Fireball) ; ; Dog-Buster/Jangle-Airdrop-21 KT 1 November 1951 (Fireball and Cloud) ; Easy-
(U) Nuclear Detonations at PPG and NTS	FILM	UNCLASSIFIED	A	0:06:20	Stock footage. Compilation of 5 Pacific Proving Ground (PPG) bursts and 1 Nevada Test Site (NTS) burst (detonation or fireball) made from 35 mm originals. Includes footage of Tewa, Huron, Flathead, Harlem,
Nuclear Detonations at PPG (U)	FILM	UNCLASSIFIED	A	0:08:00	Nuclear Detonations at Pacific Proving Ground. List of Detonations: 1) 19 RMC 606 Yoke (Sandstone, 04/30/48) 2)19 RMF 137 Zebra (Sandstone, 05/14/48) 3) 21 RKF 129 King (Ivy, 11/15/52) 4) 21 RKF 132 King (Ivy, 11/15/52)
Nuclear Detonations at PPG and NTS (U)	FILM	UNCLASSIFIED	A	0:46:00	NTS Order of Appearance: George-Tumbler/Snapper-Tower Shot-15 KT 1 June 1952 (Fireball) ; Baker-Tumbler/Snapper-airdrop-1 KT 15 April 1952 (Surface Detonation Cloud) ; Dog-Tumbler/Snapper-Airdrop-19 KT 1 May 1952 (Fireball and Cloud) ; Dog-Tumbler/Snapper-Airdrop-19 KT 1 May 1952 (Fireball and Cloud) ; Nancy-Upshot/Knothole-Tower Shot-24 KT 24 March 1953 (Fireball) ; Nancy-Upshot/Knothole-Tower Shot-24 KT 24 March 1953 (Fireball) ; ; Dog-Buster/Jangle-Airdrop-21 KT 1 November 1951 (Fireball and Cloud) ; Easy-Buster/Jangle-Airdrop-31 KT 5 November 1951 (Fireball and Cloud) ; Easy-Buster/Jangle-Airdrop-31 KT 5
Direct Course (U)	FILM	UNCLASSIFIED	A	00:27 ; 00	Direct Course
Minor Uncle Unclassified Video Clip (U)	FILM	UNCLASSIFIED	A	0:02:50	Preparations for a large-scale, above-ground, high-explosive test are underway in the northern portion of White Sands Missile Range. The test, known as Minor Uncle, is scheduled for June 1993. It involves the detonation of 2,440 tons of a mixture of ammonium nitrate and fuel oil in a 72-foot diameter fiberglass hemispherical container. ; The purpose of Minor Uncle is to expose U.S. and foreign civil and military equipment and structure
Dice Throw (U)	FILM	UNCLASSIFIED	A	0:25:00	Dice Throw
Greenhouse ; 20MOF017 35MM (U)	FILM	UNCLASSIFIED	A		View from nose of B-17 drone controller at 10,000 ft.
Nuclear Weapon Effects on the Ionosphere (U)	FILM	UNCLASSIFIED	A	0:28:00	Studies conducted on effects of high-altitude nuclear explosions on HF communications systems and radar systems.
NUWAX-79 and NUWAX-81 (U)	FILM	UNCLASSIFIED	A	0:52:02	Conception, Planning, Preparation, Execution and Analysis of the 1st Joint DOD-DOE Nuclear Weapon Accident Exercise Conducted in April 1979 at the DOE Test Site. Tape also includes NUWAX-81.
NUWAX-79 (U)	FILM	UNCLASSIFIED	A	0:24:00	Conception, Planning, Preparation, Execution and Analysis of the 1st Joint DOD-DOE Nuclear Weapon Accident
Knightrider (U)	FILM	UNCLASSIFIED	A		Knightrider NBC TV 18 Nov 1984 8:00pm
Atomic Power 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:25:00	"Atomic Power" this march of time film details the history of the Atomic Bomb to its first test at Alamogordo,
Operation Blowdown (General Report) (U)	FILM	UNCLASSIFIED	A	0:19:00	HE test to study the effects of nuclear explosions in rain forests (Iron Range Area, Cape York, Australia).
Nuclear Weapon Effects on the Ionosphere (F Region Disturbances) (U)	FILM	UNCLASSIFIED	A		Studies conducted on effects of high-altitude nuclear explosions on HF communications systems and radar systems.
Greenhouse ; 20MOG007	FILM	UNCLASSIFIED	A		Aerial oblique of shot and rising cloud
Atomic Power 16MM RP1 (U)	FILM	UNCLASSIFIED	A	0:25:00	"Atomic Power" this march of time film details the history of the Atomic Bomb to its first test at Alamogordo,
Operation Hardtack Yucca (U)	FILM	UNCLASSIFIED	A	0:02:00	Hardtack Yucca footage ; contains 3 Yucca clips ; EGG 50672, 50685, 50706. Silent
Operation Long Shot-Quick Look Report (U)	FILM	UNCLASSIFIED	A	0:15:00	See D-30-122A (these 2 films use similar footage arranged differently)



Upshot Knothole Annie Atom Blast, Yucca Flat, Nevada (U)	FILM	UNCLASSIFIED	A		LSs from News Nob of mountain ridge in early morning. An atom bomb is exploded (excellent shot of the blast). ELS, early morning, and experimental house burning. Pan of the mushroom against darkened sky. The mushroom begins to dissipate as the sky lightens. LS over the desert. A yucca plant and Joshua trees in foreground. Hiller
Operation Teapot - Military Effects Studies (U)	FILM	UNCLASSIFIED	A	0:31:00	Footage of first underground (crater) shot. Also includes drilling activities, placement of various gages and dosimeter instrumentation, backfilling weapon hole. Shows ESS detonation, base surge, cloud formation, aerial of crater. Met footage includes extensive military effects tests. Discusses precursor and ideal wave conditions with dust, water, and asphalt blast lines. Effects and postshot footage of structures, aircraft, jeeps, aircraft
Operation Teapot - Military Effects Studies (U)	FILM	UNCLASSIFIED	A	0:30:00	Footage of first underground (crater) shot. Also includes drilling activities, placement of various gages and dosimeter instrumentation, backfilling weapon hole. Shows ESS detonation, base surge, cloud formation, aerial of crater. Met footage includes extensive military effects tests. Discusses precursor and ideal wave conditions with dust, water, and asphalt blast lines. Effects and postshot footage of structures, aircraft, jeeps, aircraft
Project Cannikin Review 1971 (U)	FILM	UNCLASSIFIED	A	0:13:00	Unclassified Original Project Cannikin Review 1971.
Project Peace (U)	FILM	UNCLASSIFIED	A	0:44:00	From mid-1984 to mid-1985 the USGS (requested by DNA in co-op with DOE) engaged in Project P.E.A.C.E. (Pacific Enewetak Atoll Crater Exploration Program) an investigation of the KOA and Oak craters at Enewetak Atoll to 1) Identify crater dimensions, morphology and structures, 2) provide database for material-properties,
PBS Latenight, Atomic Bomb (U)	FILM	UNCLASSIFIED	A		PBS Latenight with Tom Stafford and Pat Brody, Atomic Bomb, Feb. 15, 1982.
(U)Operation Ivy Video Tape Sanitized 5 May 1997 FDP Set 1 VHS VT2	FILM	UNCLASSIFIED	A	1:02:30	Ivy was held at Enewetak Atoll in the fall of 1952. One shot was an experimental thermonuclear device.
Radiation Hazard From Flight Through Atomic Clouds (U)	FILM	UNCLASSIFIED	A		"Radiation hazard from flight through an atomic cloud" film includes description of radiation instrumentation, preparation of personnel, flight through cloud, and post shot studies. Conclusions are mainly derived from
Sandia Pioneers - Field Training Exercises (U)	FILM	UNCLASSIFIED	A		Sandia Pioneers, Field Training Exercises. Round table discussion among personnel assigned to Sandia Base immediately following World War II (circa 1946-1948). The Defense Special Weapons Agency (DSWA), with the help of Lieutenant Generals (retired) Frank Camm and Jack Cushman, organized and conducted small group videotaped discussions among the Sandia Pioneers during their 50th reunion in Washington, DC, in October 1996. Six two-hour sessions were videotaped. ; Attendees included Scott and Harriett Adler, Al and Eileen Baye, Al and Margaret Bethel, "Brum" and Julie Brumfiel, "Buck" Buckingham, John and Aileen Burtening, Frank and
Sandia Pioneers - Family Life With Wives' Recollections (U)	FILM	UNCLASSIFIED	A	2:00:00	Sandia Pioneers, Family Life With Wives' Recollections. Wives' discussion of family life experiences of personnel assigned to Sandia Base immediately following World War II (circa 1946-1948). The Defense Special Weapons Agency (DSWA), with the help of Lieutenant Generals (retired) Frank Camm and Jack Cushman, organized and conducted small group videotaped discussions among the Sandia Pioneers during their 50th reunion in Washington, DC, in October 1996. Six two-hour sessions were videotaped. ; Attendees included Scott and Harriett Adler, Al and Eileen Baye, Al and Margaret Bethel, "Brum" and Julie Brumfiel, "Buck" Buckingham, John
Sandia Practice Bombs (U)	FILM	UNCLASSIFIED	A	0:14:28	AFSWP Sandia Practice Bombs April 1945. Includes B-29 aircraft take off and landing (from what appears to be Sandia Base), view of target and bomb falling as seen from the bomb bay, then landing viewed through front
Sandia Practice Bombs (U)	FILM	UNCLASSIFIED	A	0:14:28	AFSWP Sandia Practice Bombs April 1945. Includes B-29 aircraft take off and landing (from what appears to be Sandia Base), view of target and bomb falling as seen from the bomb bay, then landing viewed through front
Radiation Hazard From Flight Through Atomic Clouds (U)	FILM	UNCLASSIFIED	A		"Radiation hazard from flight through an atomic cloud" film includes description of radiation instrumentation, preparation of personnel, flight through cloud, and post shot studies. Conclusions are mainly derived from
Sandia Pioneers - Field Training Exercises (U)	FILM	UNCLASSIFIED	A		Sandia Pioneers, Field Training Exercises. Round table discussion among personnel assigned to Sandia Base immediately following World War II (circa 1946-1948). The Defense Special Weapons Agency (DSWA), with the help of Lieutenant Generals (retired) Frank Camm and Jack Cushman, organized and conducted small group videotaped discussions among the Sandia Pioneers during their 50th reunion in Washington, DC, in October 1996. Six two-hour sessions were videotaped. ; Attendees included Scott and Harriett Adler, Al and Eileen Baye, Al and Margaret Bethel, "Brum" and Julie Brumfiel, "Buck" Buckingham, John and Aileen Burtening, Frank and

Sandia Pioneers - Family Life With Wives' Recollections (U)	FILM	UNCLASSIFIED	A	2:00:00		Sandia Pioneers, Family Life With Wives' Recollections. Wives' discussion of family life experiences of personnel assigned to Sandia Base immediately following World War II (circa 1946-1948). The Defense Special Weapons Agency (DSWA), with the help of Lieutenant Generals (retired) Frank Camm and Jack Cushman, organized and conducted small group videotaped discussions among the Sandia Pioneers during their 50th reunion in Washington, DC, in October 1996. Six two-hour sessions were videotaped. ; Attendees included Scott and Harriett Adler, Al and Eileen Baye, Al and Margaret Bethel, "Brum" and Julie Brumfiel, "Buck" Buckingham, John
Sandia Pioneers - Arrival, Welcome and Opening Meetings (U)	FILM	UNCLASSIFIED	A	0:50:00		Sandia Pioneers, Arrival, Welcome & Opening Meetings ; Sandstone Panel. Round table discussion among personnel assigned to Sandia Base immediately following World War II (circa 1946-1948). The Defense Special Weapons Agency (DSWA), with the help of Lieutenant Generals (retired) Frank Camm and Jack Cushman, organized and conducted small group videotaped discussions among the Sandia Pioneers during their 50th reunion in Washington, DC, in October 1996. Six two-hour sessions were videotaped. ; Attendees included Scott and Harriett Adler, Al and Eileen Baye, Al and Margaret Bethel, "Brum" and Julie Brumfiel, "Buck" Buckingham,
Sandia Pioneers - Preparations for Sandstone - Deployment to Enewetak (U)	FILM	UNCLASSIFIED	A			Sandia Pioneers, Preparations for Sandstone - Deployment to Enewetak. Round table discussion among personnel assigned to Sandia Base immediately following World War II (circa 1946-1948). The Defense Special Weapons Agency (DSWA), with the help of Lieutenant Generals (retired) Frank Camm and Jack Cushman, organized and conducted small group videotaped discussions among the Sandia Pioneers during their 50th reunion in Washington, DC, in October 1996. Six two-hour sessions were videotaped. ; Attendees included Scott and Harriett Adler, Al and Eileen Baye, Al and Margaret Bethel, "Brum" and Julie Brumfiel, "Buck" Buckingham,
Sandia Pioneers - Operation Sandstone (U)	FILM	UNCLASSIFIED	A			Sandia Pioneers, Sandstone Test Recovery and Rollup. Round table discussion among personnel assigned to Sandia Base immediately following World War II (circa 1946-1948). The Defense Special Weapons Agency (DSWA), with the help of Lieutenant Generals (retired) Frank Camm and Jack Cushman, organized and conducted small group videotaped discussions among the Sandia Pioneers during their 50th reunion in Washington, DC, in October 1996. Six two-hour sessions were videotaped. ; Attendees included Scott and Harriett Adler, Al and Eileen Baye, Al and Margaret Bethel, "Brum" and Julie Brumfiel, "Buck" Buckingham, John and Aileen Burtening,
Sandia Pioneers - Bomb Assembly, Training and Problems (U)	FILM	UNCLASSIFIED	A			Sandia Pioneers, Bomb Assembly, Training and Problems. Round table discussion among personnel assigned to Sandia Base immediately following World War II (circa 1946-1948). The Defense Special Weapons Agency (DSWA), with the help of Lieutenant Generals (retired) Frank Camm and Jack Cushman, organized and conducted small group videotaped discussions among the Sandia Pioneers during their 50th reunion in Washington, DC, in October 1996. Six two-hour sessions were videotaped. ; Attendees included Scott and Harriett Adler, Al and Eileen Baye, Al and Margaret Bethel, "Brum" and Julie Brumfiel, "Buck" Buckingham, John and Aileen Burtening,
Sandia Pioneers - Training Programs (U)	FILM	UNCLASSIFIED	A			Sandia Pioneers, Training Programs. Round table discussion among wives of personnel assigned to Sandia Base immediately following World War II (circa 1946-1947). Topics of discussion included (but are not limited to) the
700 Club, Atomic Veterans Segment (U)	FILM	UNCLASSIFIED	A	0:10:00		The 700 Club, Atomic Veterans segment, Feb. 18, 1981
60 Minutes and CBS Morning News Coverage of "The Day After." (U)	FILM	UNCLASSIFIED	A			60 Minutes & CBS Morning News Coverage of "The Day After." November 13, 1983
Silo Accident - Damascus, Arkansas (U)	FILM	UNCLASSIFIED	A			Damascus, Arkansas Titan II missile incident television news coverage. Covers the September 19, 1980 incident when a dropped wrench punctured the fuel line and tank of the Titan missile in its silo. The fuel later exploded and the warhead was blown off the missile. Eleven people were injured and one person was killed. Footage
The Argus Experiment 16mm Sound and Print Reel 1 of 1(U)	FILM	Unclassified	A			Investigation of phenomena associated with trappings in the earth's magnetic field of relativistic electron.
Sandstone ; 19RMC029 16MM (U)	FILM	UNCLASSIFIED	A		KC	Aerials of Enjebi Island and of Runit Island.

The Story of Five A Bombs (U)	FILM	UNCLASSIFIED	A			"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. ; Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power, radiation effects on the Japanese people and later animal studies. Detailed presentation of Crossroads array,
The Story of Five A Bombs (U)	FILM	UNCLASSIFIED	A			"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. ; Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power, radiation effects on the Japanese people and later animal studies. Detailed presentation of Crossroads array,
The Story of Five A Bombs (U)	FILM	UNCLASSIFIED	A			"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. ; Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power, radiation effects on the Japanese people and later animal studies. Detailed presentation of Crossroads array,
The Story of Five A Bombs (U)	FILM	UNCLASSIFIED	A		1:30:00	"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. ; Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power,
The Story of Five A Bombs (U)	FILM	UNCLASSIFIED	A		1:20:00	"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. ; Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power,
The Story of Five A Bombs (U)	FILM	UNCLASSIFIED	A		0:10:40	"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. ; Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power,
The Story of Five A Bombs (U)	FILM	UNCLASSIFIED	A		0:36:00	"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. ; Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power, radiation effects on the Japanese people and later animal studies. Detailed presentation of Crossroads array,
The Story of Five A Bombs (U)	FILM	UNCLASSIFIED	A		0:38:00	"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. ; Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power, radiation effects on the Japanese people and later animal studies. Detailed presentation of Crossroads array,

The Story of Five A Bombs (U)	FILM	UNCLASSIFIED	A	0:37:00	"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. ; Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power, radiation effects on the Japanese people and later animal studies. Detailed presentation of Crossroads array,
The Story of Five A Bombs (U)	FILM	UNCLASSIFIED	A	0:37:00	"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. ; Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power, radiation effects on the Japanese people and later animal studies. Detailed presentation of Crossroads array,
The Story of Five A Bombs (U)	FILM	UNCLASSIFIED	A	0:37:00	"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. ; Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power, radiation effects on the Japanese people and later animal studies. Detailed presentation of Crossroads array,
Tutorial Briefing on Nuclear Weapons Effects PAVI F 213 16MM (U)	FILM	UNCLASSIFIED	A	00:15:00 min	Tutorial contains Greenhouse blast effects footage, narrated blast effects footage from Operation Upshot-Knothole on vehicles, structures, trees, etc. Plus silent footage at end from Sailor Hat showing blast effects on ship and dummies. (Film was made for a Navy briefing on NWE in 1979).
Solarmax HBomb Shot (U)	FILM	UNCLASSIFIED	A		Solarmax HBomb Shot, partially stabilized.
Calibration Shots in the Dead Sea (U)	FILM	UNCLASSIFIED	A		Calibration Shots in the Dead Sea
Target Nevada (U)	FILM	UNCLASSIFIED	A	0:15:00	The story of U.S. Air Force support to the Atomic Energy Commission on continental atomic tests. Includes footage of several detonations at the Nevada Test Site, Headquarters building of the Special Weapons Command and General John S. Mills. Footage of several Air Force aircraft, camera planes, recording planes, cloud trackers, cloud samplers, helicopters, weather room at control point. Also includes effects footage on aircraft, Dr. Alvin
30-154-73 PAVI/F 0223 16MM RP2 (U)	FILM	Unclassified	A		Project Mixed Company Aerial views of Ground Zero, Detonation, Fireball, Cloud and Crater
Sandstone 19RMC021 16MM OR (U)	FILM	UNCLASSIFIED	A		Scenes on Aomon. Army doctor treats foot and leg of Enewetak woman. Enewetak children look on. Also chief of Aomon and chief of Bijire
Sandstone 19RMC022 16MM OR (U)	FILM	UNCLASSIFIED	A		Scenes on Aomon. Enewetak children. Boats and outriggers. Bijire Woman washing clothes
Sandstone 19RMC023 16MM OR (U)	FILM	UNCLASSIFIED	A		Scenes on Aomon. Enewetak woman washes clothes. Man weaves palm frond basket
Enewetak Radiological Safety: Protection for Cleanup Workers 16mm RP color sound Print 1 of 2(U)	FILM	UNCLASSIFIED	A	13 mins.	Enewetak Cleanup Radiological Safety. Runit, Enewetak and Lojwa.
Enewetak Radiological Safety: Protection for Cleanup Workers 16mm RP color sound Print 2 of 2(U)	FILM	UNCLASSIFIED	A	13 mins.	Enewetak Cleanup Radiological Safety. Runit, Enewetak and Lojwa.

Target Nevada (U)	FILM	UNCLASSIFIED	A	0:15:00	The story of U.S. Air Force support to the Atomic Energy Commission on continental atomic tests. Includes footage of several detonations at the Nevada Test Site, Headquarters building of the Special Weapons Command and General John S. Mills. Footage of several Air Force aircraft, camera planes, recording planes, cloud trackers, cloud samplers, helicopters, weather room at control point. Also includes effects footage on aircraft, Dr. Alvin
SANDSTAONE 19RMC606 16MM WP (U)	FILM	UNCLASSIFIED	A		C-54 no. 627 at 12,000ft. Fireball overexposed, shock, Wilson cloud, early cloud
Dominic Sunset (U)	FILM	UNCLASSIFIED	A	0:15:00	Silent Film. Airdrop, 1Mt. The camera angle on the July 10, 1962, Operation Dominic SUNSET test provides one of the most spectacular views of the one-megaton thermonuclear blast near Christmas Island in the Pacific Proving Ground. The brilliant fireball is seen just above a huge atomic cloud, then seconds later, ice rings begin to form above the fireball. An incredible view emerges as an ice cap forms above the ice rings. It is amazing that
(U)Atomic Weapons Tests Trinity Through Buster Jangle - Sanitized	FILM	UNCLASSIFIED	A	0:22:59	This good quality video describes the U.S. atomic tests conducted from 1945 through 1951 (i.e., TRINITY through Operation Buster-Jangle). The video details the progression of weapons, theatomic devices becoming smaller and smaller, and the first use of thermonuclear (or hydrogen) devices. These tests were conducted at the Pacific Proving Ground and the Nevada Test Site/Nevada Proving Ground (later permanently renamed the Nevada Test Site). The tests described are as follows: Trinity, July 16, 1945, tower, weapons related, 21 kilotons (kt) (the first atomic explosion detonated near Alamogordo, New Mexico). ; The tests comprising the 1946 Operation Crossroads were as follows: <del>BOB</del> ABLE, June 30, Bikini, airdrop, weapons effects, 21 kt <del>BOB</del> BAKER, July 24, Bikini, underwater, weapons effects, 21 kt. ; The tests comprising the 1948 Operation Sandstone were as follows: <del>BOB</del> X-RAY, April 14, Enewetak (Enjebi Island), tower, weapons related, 37 kt <del>BOB</del> YOKE, April 30, Enewetak (Aomon Island), tower, weapons related, 49 kt <del>BOB</del> ZEBRA, May 14, Enewetak (Runit Island), tower, weapons related, 18 kt. ; The tests comprising the 1951 Operation Ranger at the Nevada Test Site were as follows: <del>BOB</del> ABLE, January 27, airdrop, weapons related, 1 kt <del>BOB</del> BAKER, January 28, airdrop, weapons
Greenhouse ; 20MOG007 16mm (U)	FILM	UNCLASSIFIED	A		Aerial oblique of shot and rising cloud
Preserving the Past, - Shaping the Future. (DTRIAC In Reach Video) 14 June 2012	FILM	UNCLASSIFIED	A		Various DTRA related Science and Technical (S&T) information exchange workshops and formal exhibitions. Part of the ongoing customer Outreach targeting DTRA and Wider S& T community.
Army Package Power Reactor 16mm (U)	FILM	UNCLASSIFIED	A	25:00:00	16mm, color, sound, produced by Office Chief of Engineers, in cooperation with Atomic Energy Commision, depicts the use of nuclear power for producing electrical energy in remote areas.
Meeting the Terrorists Threat 30 003 7516mm (U)	FILM	UNCLASSIFIED	A		
THE SL-1 ACCIDENT-PHASES I&II	FILM	Unclassified	A	40 MINS	
THE SL-1 ACCIDENT-PHASES I&II	FILM	Unclassified	A	40 MINS	
THE SL-1 ACCIDENT-PHASES I&II	FILM	Unclassified	A	40 MINS	
No. 25 Army Package Power Reactor 16mm (U)	FILM	UNCLASSIFIED	A	25:00:00	16mm, color, sound, produced by Office Chief of Engineers, in cooperation with Atomic Energy Commision, depicts the use of nuclear power for producing electrical energy in remote areas.
THE SL-1 ACCIDENT-PHASES I&II	FILM	Unclassified	A	40 MINS	
The Argus Experiment Tape 2 of 2 VHS(U)	FILM	UNCLASSIFIED	A		Argus was an investigation of the phenomena associated with the trapping in the earth's magnetic field of relativistic electrons produced by nuclear detonations at a very high altitude
Effects of Nuclear Weapons, Part 5-Target Considerations on DVD(U)	FILM	UNCLASSIFIED	A	0:30:00	Film deals with the effects of nuclear weapons on various types of targets. By the use of animation, the effects of varying the height of burst & the yield on both hard & soft military targets are demonstrated.

CROSSROADS "A" AND "B" BLAST 16MM RP2(U)	FILM	UNCLASSIFIED	A			SHOT FOOTAGE OF 18 (CROSSROADS) "A" AND "B" BLAST
Operation Cue (Revised 1964) (U)	FILM	UNCLASSIFIED	A	0:14:00		Teapot - Operation Cue consisted of some 40 separate civil effects projects conducted by the Federal Civil Defense Administration (FCDA) during the Apple 2 test. Ten buildings representing a typical American community, complete with houses, utility stations, cars, furniture, appliances, food and mannequins dressed as family members were instrumented to measure blast, thermal and radiation effects. Civil Defense personnel
Operation Cue (Revised 1964) 16MM (U)	FILM	UNCLASSIFIED	A	0:16:00		Teapot - Operation Cue consisted of some 40 separate civil effects projects conducted by the Federal Civil Defense Administration (FCDA) during the Apple 2 test. Ten buildings representing a typical American community, complete with houses, utility stations, cars, furniture, appliances, food and mannequins dressed as family members were instrumented to measure blast, thermal and radiation effects. Civil Defense personnel
Nuclear Detonations at PPG and NTS 16mm WP3(U)	FILM	UNCLASSIFIED	A			Stock footage. Compilation of 5 Pacific Proving Ground (PPG) bursts and 1 Nevada Test Site (NTS) burst (detonation or fireball) made from 35 mm originals. Includes footage of Tewa, Huron, Flathead, Harlem,
Nuclear Detonations at PPG and NTS 16mm WP1 PAVI/F-373(U)	FILM	UNCLASSIFIED	A			Stock footage. Compilation of 5 Pacific Proving Ground (PPG) bursts and 1 Nevada Test Site (NTS) burst (detonation or fireball) made from 35 mm originals. Includes footage of Tewa, Huron, Flathead, Harlem, Bluestone, and Priscilla, respectively.
(U)Upshot-Knothole Grable EGG film perf 16701, 16702, 16mm FG	FILM	UNCLASSIFIED	A			Views of blast line, shows dirt cloud flowing over field of platform and vehicles.
(U) Selected Nuclear Weapons Effects Tape	FILM	U	A			Selected Film Clips from Nuclear Effects Tests
(U)OPERATION IVY 16MM RP1	FILM	UNCLASSIFIED	A			
(U)Naval Atomic Weapons Vulnerability Program Betacam Video Tape	FILM	UNCLASSIFIED	A	21:15		Naval ordnance film report on the possibility of aircraft, carrying implosion weapons, crashing and burning on aircraft carriers. Tested the effects of fire on three simulated nuclear weapons to determine the threat to crew, firemen, and rescue personnel. Footage shows thermal or fire tests on weapons suspended over aviation fuel
(U)Swordfish, Sailor Hat Conventional Test, Mk-57, ASROC and SUBROC	FILM	UNCLASSIFIED	A	17:45		
(U)New Point 16MM PR6 Color	FILM	UNCLASSIFIED	A			(U)New Point 16MM PR6 Color
(U)Oper. Greenhouse 16MM PR 1 Color	FILM	UNCLASSIFIED	A			(U)Oper. Greenhouse 16MM PR 1 Color
(U)Military Effects Studies on Operation Castle 16mm RP1	FILM	UNCLASSIFIED	A			PAVI/F-0339, Military participation in operations conducted at the Pacific Proving Grounds in the spring of 1954
Crater Photo Animation (U)	FILM	UNCLASSIFIED	A			This is a collection of 34 Misty Picture Crater photos. This is, to demonstrate the capability of archiving fireball
DARE Video Interview-Multi Clip w/Transcript demo (U)	FILM	UNCLASSIFIED	A			This is the test video Interview-Multi Clip w/Transcript
On the Point, The Defense Threat Reduction Agency Video - Abbreviated (U)	FILM	UNCLASSIFIED	A			On the Point, The Defense Threat Reduction Agency Video (Abbreviated), INTRODUCTION, Weapons of mass destruction have the potential to threaten American lives - military and civilian - at home and around the world. Poison gas ... nuclear proliferation ... terrorist attack... Wherever America and its friends are threatened, the Defense Threat Reduction Agency is working to deter and counter the threat posed by nuclear, chemical, biological and conventional weapons of mass destruction. The Department of Defense created D-T-R-A to bring
Operation Plumbbob, Effects Of Nuclear Detonations On A Large Biological Specimen (Swine) Part 1 Video (U)	FILM	UNCLASSIFIED	A			Operation Plumbbob Bio-Medical (Swine Specimen) Test Video - Part One, The purpose of this experiment is to test the effects of nuclear weapons on a large biomedical specimen, the pig. 135 pigs were placed in aluminum container for protection against blast and thermal were exposed to the Franklin and Wilson shot to determine the effects of combined neutron and gamma radiation and straight gamma. 710 pigs were exposed to Priscilla

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Operation Plumbbob, Effects Of Nuclear Detonations On A Large Biological Specimen (Swine) Part 2 Video (U)	FILM	UNCLASSIFIED	A			Operation Plumbbob Bio-Medical (Swine Specimen) Test Video - Part Two, The purpose of this experiment is to test the effects of nuclear weapons on a large biomedical specimen, the pig. 135 pigs were placed in aluminum container for protection against blast and thermal were exposed to the Franklin and Wilson shot to determine the effects of combined neutron and gamma radiation and straight gamma. 710 pigs were exposed to Priscilla
Operation Plumbbob, Effects Of Nuclear Detonations On A Large Biological Specimen (Swine) Full-Length Video (U)	FILM	UNCLASSIFIED	A			Operation Plumbbob Bio-Medical (Swine Specimen) Test Video - Full-Length, The purpose of this experiment is to test the effects of nuclear weapons on a large biomedical specimen, the pig. 135 pigs were placed in aluminum container for protection against blast and thermal were exposed to the Franklin and Wilson shot to determine the effects of combined neutron and gamma radiation and straight gamma. 710 pigs were exposed to Priscilla shot for further testing.
Operation Crossroads Radiological Safety (RADSAFE) Part 1 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 1 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Part 2 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 2 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Part 3 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 3 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Part 4 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 4 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Part 5 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 5 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Part 6 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 6 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Part 7 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 7 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Part 8 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 8 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Part 9 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 9 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Part 10 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 10 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Part 11 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 11 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Part 12 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 12 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.

Operation Crossroads Radiological Safety (RADSAFE) Part 13 Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Part 13 - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
Operation Crossroads Radiological Safety (RADSAFE) Full-Length Video (U)	FILM	UNCLASSIFIED	A			Operation Crossroads, Radiological Safety Video Full Length - The Radiological Safety Section was implemented to protect personnel of Joint Task Force 1 from the hazards of radiation.
(U) UPSHOT-KNOTHOLE ; EGG 16785 ; OR 16MM B/W	FILM	UNCLASSIFIED	A	0.8 SEC	MF Film	Shows thermal effects on ground surface of a minefield, approach of shock to camera. Taken at a range of 2300 ft from ground zero.
(U) UPSHOT-KNOTHOLE ; EGG 16786 ; OR 16MM B/W	FILM	UNCLASSIFIED	A	0.8 SEC	MF Film	Shows thermal effects on minefield surface, approach of shock to camera. Taken at a range of 2300 ft from ground zero.
(U) UPSHOT-KNOTHOLE ; EGG 16787 ; OR 16MM B/W	FILM	UNCLASSIFIED	A	0.6 SEC	MF Film	Shows thermal effects on TLV (tracked landing vehicle), arrival of blast wave. Taken at a range of 1900 ft from ground zero.
(U) UPSHOT-KNOTHOLE ; EGG 16788 ; OR 16MM B/W	FILM	UNCLASSIFIED	A	0.6 SEC	MF Film	Shows thermal effects on ltv (tracked vehicle). Taken at a range of 1900 ft from ground zero.
ONE MAN'S TERRORIST	FILM	U	A			COMPLETELY ANIMATED FILM CREATING AN ASSAULT ON AN AIR FORCE BASE BY TERRORISTS SEEKING AN AIR
EFFECTS OF NUCLEAR WEAPONS, PART 2--THE AIR BURST (U)	FILM	UNCLASSIFIED	A			BLAST, THERMAL AND RADIATION EFFECTS OF AN AIR BURST WITH SCALING
Effects of Nuclear Weapons, Part 4-The Water Burst (U)	FILM	UNCLASSIFIED	A			Shows the effects of nuclear bursts over water, at the surface, in shallow water, nuclear radiation, wave heights, and mushroom cloud configurations for various types of water shots.
Operation Long Shot-Quick Look Report (U)	FILM	UNCLASSIFIED	A			See D-30-122A (these 2 films use similar footage arranged differently)
Blowdown Footage (Blast & Effects on Trees) PAVI F 0106 16MM RP1 (U)	FILM	UNCLASSIFIED	A		16MM	Other Technical Footage, HE simulations.
Medical Aspects of Nuclear Radiation (U)	FILM	UNCLASSIFIED	A			An explanation of the effects of radiation on human beings and a comparison of blast and heat effects (burns). Discusses neutrons, gamma rays, alpha particles, and beta particles. Shows historical medical research footage
(U)The Story of Five A Bombs	FILM	UNCLASSIFIED	A			"Story of Five A Bombs" gives a historical perspective on atomic science and the development of the atomic bomb. It details the history of the first 5 atomic bombs; Trinity, Hiroshima, Nagasaki, and the Crossroads tests Able and Baker. Includes drawings and photographs of the early scientists from Greek philosophers to Galileo, Newton, Dalton, Einstein, Curie, Fermi, Chadwick, and Oppenheimer. Has extensive footage of post Hiroshima and Nagasaki, with biological and structural effects. Gives close look at the development of atomic power,
Hiroshima (U)	FILM	UNCLASSIFIED	A			Characteristics of Hiroshima (Japan) prior to and after the bombing.
History of the Atomic Bomb (U)	FILM	UNCLASSIFIED	A	0:26:00		"History of the Atomic Bomb" tells the history of the atomic bomb from its inception to its actual use on Hiroshima and Nagasaki. (This film is also the first 26 minutes of "Story of 5 Atomic Bombs".) Footage opens with Trinity explosion and post shots of Hiroshima damage and fires. Includes World War II footage, maps, ships, bombing raids, soldier battles, casualties. Continues with post Hiroshima and Nagasaki destruction of buildings
H-Hour Minus Ten (U)	FILM	UNCLASSIFIED	A			H-hour minus ten shows location of equipment, and damage to same, from an atomic blast conducted at yucca
(U) PLUMBBOB ; WP 16MM B/W	FILM	UNCLASSIFIED	A	00:02 min		Plumbbob Smoky footage - cloud Z Shot Footage of Plumbbob Smoky Cloud
(U) PLUMBBOB ; BC B/W	FILM	UNCLASSIFIED	A	00:03 min		Smoky - footage of Plumbbob Smoky - Shock
Operation Ivy	FILM	U	A	36:00 min		Ivy was held at Enewetak Atoll in the fall of 1952. One shot was an experimental very high yield thermonuclear
(U) Operation Hardtack Military Effects Studies, Part 1: Basic Effects, Structures and Materiel	FILM	UNCLASSIFIED	A			Hardtack basic effects measurements including ground motion (acceleration, displacement, pressures, shock spectra); radiation; and electromagnetic pulse (EMP) on high yield Pacific shots. Structures and materiel tests include aircraft structural response, underground structures, electronic fuze components, skin simulant and uniforms, and ablation of metals. Aircraft footage includes a B-52, in flight, head on, and landing, and Navy A4D



NUWAX-79 (U)	FILM	UNCLASSIFIED	A			Conception, Planning, Preparation, Execution and Analysis of the 1st Joint DOD-DOE Nuclear Weapon Accident
(U) Operation Hardtack Military Effects Studies Part 2: High Altitude Tests	FILM	UNCLASSIFIED	A	0:27:30		Hardtack high altitude shots, Yucca a balloon drop between Bikini and Enewetak and Teak and Orange fired from Redstone missiles over Johnston Island. ; Discusses blast, thermal, chorioretinal burns, electromagnetic, materials vulnerability, and nuclear (radiation) effects. Shows Yucca balloon being prepared and launched from flight deck of the USS Boxer (CVS 21) aircraft carrier. Shows instrumentation suspended from balloon on a drag line. Also shows B-36 aircraft in flight and interior set up for fireball photography and thermal data, as well as P2V infrared measurement equipment. Shows Yucca launch, detonation, and cloud formation. Teak and Orange footage includes aerial and pan of Johnston Island, the Army Redstone missile on launch pad and pad
ABC and CBS Local News Segments on AFRRRI Reactor (U)	FILM	UNCLASSIFIED	A			ABC and CBS Local News Segments on AFRRRI Reactor.
ABC KUMSC Broadcasts Video (U)	FILM	UNCLASSIFIED	A	30 min		
Atomic Cafe Part Two (U)	FILM	UNCLASSIFIED	A	25:00:00		COPYRIGHTED FILM COMPILED ENTIRELY FROM ARCHIVAL FOOTAGE FOCUSING ON THE 1940'S AND 1950'S
(U) Atomic Weapons Orientation, Part 1	FILM	UNCLASSIFIED	A			An orientation for DoD officers, enlisted personnel, and civilians who are concerned with nuclear weapons and who have prior knowledge of the fission program.
Atomic Weapons Orientation, Part 2 - Basic Atomic Weapons	VIDEO	U	A	6:11		An orientation for DoD officers, enlisted personnel, and civilians who are concerned with nuclear weapons and who have prior knowledge of the fission program. Historical
19RMC606	FILM	UNCLASSIFIED	A			C-54 no. 627 at 12,000ft. Fireball overexposed, shock, Wilson cloud, early cloud
Greenhouse	FILM	U	A			Cloud from B-17 at 13,500ft and 12 miles slant range.
Operation Greenhouse, Dog Detonation	FILM	U	A			View from B-50.
Greenhouse	FILM	U	A			Aerial oblique from 9,000 ft. and about 20 km SSW
Greenhouse ; 20RKC044	FILM	U	A			Aerial oblique of Dog fireball from 9,000 ft. and about 20 km SSW
Greenhouse ; 20RKC047	FILM	U	A			View of Dog fireball from Enewetak water tower
Greenhouse ; 20RKC065	FILM	U	A			View of Dog fireball from Ananij tower
Greenhouse ; 20RKC067	FILM	U	A			View of Dog fireball from Ananij tower
Greenhouse ; 20RKC073	FILM	U	A			Dog from Enewetak Beach Club.
Operation Greenhouse ; Dog	FILM	U	A			Shot from Enewetak Water tower. On same roll scenes of weapon debris samples removed from drone
Greenhouse	FILM	UNCLASSIFIED	A		KODACHROME	View of shot Easy from USS Walker (DDE-517) from the east. Shots of cloud. Distant view of USS Altman. Rest of
Greenhouse ; 20RKF166	FILM	U	A			Shot from Enewetak beach club. 250 ft (104 sec) of record good size but low contrast due to poor light
Ivy - King	FILM	UNCLASSIFIED	A			Aerial oblique of King from 10,000 ft altitude. Good early fireball then break to cloud.
Ivy - King	FILM	UNCLASSIFIED	A			Aerial oblique of King from 14,000 ft altitude. Good well centered view. Good Wilson cloud through the time of
22MOG005 ; Castle - Bravo	FILM	U	A	1 min	ECN	Bravo cloud from C-54 at 12,500 ft. at slant range of 60 miles. 2600 frames of record
Castle	FILM	UNCLASSIFIED	A			Radsafe survey team from USS Nichols (DDE-449) goes ashore at Rongelap. H. Scoville, R. Soule, W. Strope
Castle	FILM	UNCLASSIFIED	A			Radsafe monitors check radiation levels at weather station and living quarters on Enewetak Island, Rongerik
Castle	FILM	UNCLASSIFIED	A			Evacuation of Nam (Bravo shot island) at Bikini. A. Graves
Castle	FILM	U	A			Damage to tents, trailers, buildings on Eneman Island due to Bravo. Station 50 and EG&G tower seen
Castle	FILM	U	A			Project 4.1 officer collects soil and water samples at Rongelap. Lt Chapman
(U)Castle - Bravo	FILM	UNCLASSIFIED	A			Distant surface view of Bravo shot
Castle - Romeo	FILM	UNCLASSIFIED	A	55 sec		Begins with water-level view of initial brightness, before image is washed out for the next 33 seconds ; when visible again, image is of well-centered fireball, stem, and wilson cloud at top, but is not a very sharp picture

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Military Effects Studies on Operation Castle (U)	FILM	UNCLASSIFIED	A		An excellent review of weapon effects from surface bursts. The Castle series was held to test large yield thermonuclear, or hydrogen devices. Opens with aerial footage of Bravo detonation. Shows aerial of Bikini Atoll then maps of Bikini and Enewetak atolls. Discussion of the effects of surface bursts including nuclear radiation, fallout, washdown systems, brief thermal discussion, blast, and shock effects. Radiation discussion includes initial gamma dose discussion and instrumentation. Uses maps and graphics. Fallout discussion includes Jangle shot at the Nevada Test Site (NTS). Moves to map of islands with graphic of cloud growth and movement. Footage of collectors including total collectors (e.g., gum paper trays and funnels) and intermittent collectors (e.g., belt samplers and rotating drums with collection trays). Shows placement footage of raft and buoy stations in Bikini lagoon. Also shows water survey and sampling footage. ; Discussion of the islands affected by the fallout from shot 1 (Bravo) and the evacuation process to Kwajalein. Total gamma dose estimates per island is discussed.
Castle	FILM	U	A	BGX ; Background X	Castle ; Project 4.1 Rongelap children being checked for radioactive contamination on Kwajalein after being