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ABSTRACT

The National AudioVisual Center's materials on engineering are presented in this catalog. Most of the materials listed are films; but slidesets, filmstrips, audiocassettes, and videocassettes are also included. Entries contain all the information pertinent to a particular title, including a physical description of the material, information for purchasing or renting, a brief content description, and additional notes on use or production. (VT)

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Selected  
U.S. Government  
Audiovisuals

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NATIONAL INSTITUTE OF  
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June  
1977

Civil • Mechanical • General • Nuclear  
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# Engineering

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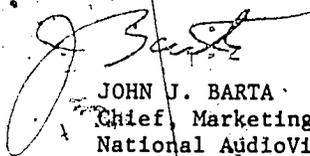
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- ☆ Technical
- ☆ Professional Training

This special listing of audiovisual programs has been quickly selected from our computer data file of over 9,000 titles. The format of this listing was chosen to expeditiously get this information in your hands; within the year you can expect our formal catalog.

Please take a moment to glance through the listing. I'm sure you will realize that the exceptional content, quality, and low cost of these materials--developed by the United States Government over the last few years--can substantially contribute to the effectiveness of your programs.

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Sincerely,



JOHN J. BARTA  
Chief, Marketing Branch  
National AudioVisual Center

# How to use this select list

The titles selected for listing in this special category are listed alphabetically for easy access. Where further breakdown would be helpful a subject index has also been provided.

The entry contains all the information pertinent to a particular title. The example below details the components of an individual title entry.

## Example:

### National AudioVisual Center

**Title** → THE NATIONAL AUDIOVISUAL CENTER

**Blodata: physical description of material** → 29 MIN. 16MM MOTION PICTURE OPT SD COL 1977

**NAC control number—use this number when ordering** → TITLE NO. 000000

**Series note** → FROM THE NATIONAL ARCHIVES AND RECORDS SERVICE SERIES.

**Additional notes on use or production** → RECOMMENDED FOR AUDIOVISUAL EDUCATION.

**Organization which produced the material (See back cover for codes)** → PRODUCER USGSA

**Organization sponsoring distribution of material (if different from producer)** → SPONSOR NARS

**Sale price** → SALE \$100.00

**Three day rental fee** → RENTAL \$10.00

**Description** → DESCRIBES THE FUNCTIONS AND SERVICES OF THE NATIONAL AUDIOVISUAL CENTER, THE CENTRAL DISTRIBUTION AND INFORMATION POINT FOR ALL U.S. GOVERNMENT PRODUCED AUDIOVISUAL MATERIALS. LIVE NARRATION AND ANIMATION TRACES A USER'S REQUEST FOR AN AUDIOVISUAL PRODUCT THROUGH THE CENTER'S SYSTEM.

AASHQ ROAD TEST - THE ROAD TO BETTER ROADS  
14 MIN, 16MM FILM, OPT. SD, COL 1963  
PRODUCER USFHW  
TITLE NO. 111506 RENTAL \$10.00 SALE \$63.50

EXPLAINS, IN LAY TERMS, THE KIND OF RESEARCH DONE IN  
HIGHWAY CONSTRUCTION, SHOWING THE VARIETY OF PROGRAMS  
INVOLVED. FEATURES THE CONSTRUCTION AND OPERATION OF  
THE AASHQ ROAD TEST.

ACCESS

22 MIN, 16MM FILM, OPT. SD, COL 1975  
PRODUCER USTID SPONSOR USNASA AGENCY NO. HQ-241  
TITLE NO. 007715 SALE \$100.00

GIVES A GENERAL OVERVIEW OF NASA'S SCIENTIFIC AND  
TECHNICAL INFORMATION PROGRAM. SHOWS THE VARIOUS  
ANNOUNCEMENT MEDIA AND THE ON-LINE, INTERACTIVE SEARCH  
AND RETRIEVAL SYSTEM WHICH PROVIDES A USER DIRECT  
ACCESS TO THE ENTIRE INFORMATION STORE OF OVER 1.2  
MILLION CITATIONS. DESCRIBES OTHER PRODUCTS AND  
SERVICES THAT ALSO WILL ASSIST A SCIENTIST OR ENGINEER  
IN SOLVING INFORMATION PROBLEMS.

AIR INSTALLATIONS COMPATIBLE USE ZONES - THE  
HARMONIOUS DEVELOPMENT OF AIRFIELD ENVIRONMENTS  
17-MIN, 16MM FILM, OPT. SD, COL 1976  
PRODUCER USN AGENCY NO. MN-11450  
TITLE NO. 008592 SALE \$77.25

SHOWS THE NAVY'S EFFORTS REQUIRED BY DOD INST 4165.57,  
AIR INSTALLATIONS COMPATIBLE USE ZONES PROGRAM. DES-  
CRIBES THE PROBLEMS OF INCOMPATIBLE LAND USE SUR-  
ROUNDING NAVAL AIR INSTALLATIONS; EFFECTS OF AIRCRAFT  
NOISE ON HUMANS; NAVY NOISE POLLUTION ABATEMENT;  
STRATEGIES; AND RECOMMENDATIONS FOR LOCAL GOVERNMENTS  
TO ACHIEVE COMPATIBLE LAND USE.

AIR POLLUTION - SWEETENING THE AIR  
22 MIN, 16MM FILM, OPT. SD, COL 1971  
PRODUCER USEPAP  
TITLE NO. 000183 RENTAL \$10.00

EXPLAINS THAT EVERY 24 HOURS THE INDUSTRY AND CITIZENS  
OF NORTH AMERICA SPILL INTO THE ATMOSPHERE HALF A MIL-  
LION TONS OF TOXIC AIR POLLUTION. DISCUSSES NEW TECH-  
NIQUES USED IN RECYCLING AND IN ECOLOGICAL CONTROL.

AIR POLLUTION CONTROL  
60 MIN, AUDIOCASSETTE, 2-TRACK, MONO 1973  
PRODUCER USEPA  
TITLE NO. 005119 SALE \$8.75

PRICE INCLUDES CASSETTE AND ONE BOOKLET.

FROM THE AIR POLLUTION CONTROL ORIENTATION COURSE  
SERIES.

AIR POLLUTION CONTROL ORIENTATION COURSE--A  
SERIES  
9 AUDIOCASSETTES, 2-TRACK, MONO 1973  
PRODUCER USEPA AGENCY NO. 0422-A  
TITLE NO. 005116 SALE \$48.00

PROVIDES A BROAD UNDERSTANDING OF THE AIR POLLUTION  
FIELD--AIR POLLUTION LAW, SOURCES, EFFECTS, AND CON-  
TROL TECHNIQUES.

INCLUDES NINE ACCOMPANYING BOOKLETS.

AIR POLLUTION CONTROL	60MIN
AIR POLLUTION LAW	60MIN
AIR POLLUTANTS AND THEIR CONTROL	60MIN
AIR QUALITY	60MIN
CONTROL TECHNOLOGIES	60MIN
EFFECTS OF AIR POLLUTION	60MIN
ENFORCEMENT	60MIN
METEOROLOGY	60MIN
SAMPLING AND ANALYSIS	60MIN

AIRPORTS IN PERSPECTIVE  
15 MIN, 16MM FILM, OPT. SD, COL 1969  
PRODUCER USFAA AGENCY NO. FA-0706  
TITLE NO. 123620 SALE \$68.00

DOCUMENTS HOW SOME CITIES HAVE FOUND WORKABLE SOLU-  
TIONS TO PROBLEMS ASSOCIATED WITH AVIATION'S DYNAMIC

GROWTH. EMPHASIZES THE COORDINATION BETWEEN AIRPORT DEVELOPMENT AND COMPREHENSIVE URBAN TRANSPORTATION PLANNING PROGRAMS.

CLEARED FOR TV.

**AOSS - AIRBORNE OIL SURVEILLANCE SYSTEM**

21 MIN, 16MM FILM, OPT. SD, COL 1975  
PRODUCER USCG  
TITLE NO. 007840 SALE \$95.25

DEPICTS THE COAST GUARD'S ELECTRONIC SURVEILLANCE SYSTEM, DEVELOPED IN RESPONSE TO POLLUTION PROBLEMS FOR THE DETECTION OF OIL SPILLS. USES FOUR SENSORS CONSISTING OF--A SIDE-LOOKING RADAR, LOW-LIGHT-LEVEL TV CAMERA, INFRARED/ULTRAVIOLET LINE SCANNER, AND A PASSIVE MICROWAVE IMAGER TO SHOW ITS CAPABILITIES OF DETECTION AND SURVEILLANCE IN ALL WEATHER CONDITIONS.

**ASSEMBLY AND INSTALLATION OF FLEXIBLE HOSE CONFIGURATION, THE**

22 MIN, 16MM FILM, OPT. SD, COL 1968  
PRODUCER USN AGENCY NO. MN-10427  
TITLE NO. 009781 SALE \$100.00

SHOWS PROCEDURES FOR ASSEMBLY AND INSTALLATION OF FLEXIBLE HOSE ON NAVY SHIPS.

**ATOMIC POWER TODAY - SERVICE WITH SAFETY**

15 MIN, 16MM FILM, OPT. SD, COL 1967  
PRODUCER USAEC  
TITLE NO. 001459 SALE \$68.00

EXPLAINS THE GROWING NEED FOR ELECTRICITY AND CONTRASTS CONVENTIONAL METHODS OF GENERATING ELECTRICITY WITH NUCLEAR METHODS. PICTURES HOW A NUCLEAR POWER PLANT IS DESIGNED, BUILT, AND OPERATED FOR SAFE, DEPENDABLE SERVICE. POINTS OUT THE ATOMIC ENERGY COMMISSION'S REGULATORY AND LICENSING PROCEDURES IN REGARD TO NUCLEAR PLANTS.

BEAUTY AND THE GRANDEUR, THE  
14 MIN, 16MM FILM, OPT. SD, COL 1965  
PRODUCER USEHWA  
TITLE NO. 166000 SALE \$63.50

DESCRIBES THE HIGHWAY BEAUTIFICATION PROGRAM UNDERWAY THROUGHOUT THE U S.

**BEYOND THE STICK AND RUDDER**

14 MIN, 16MM FILM, OPT. SD, B&W 1959  
PRODUCER USAF AGENCY NO. TF-1-5300  
TITLE NO. 001640 RENTAL \$7.50 SALE \$36.75

EXPLAINS THE BASIC PRINCIPLES OF AERODYNAMICS, SHOWS HOW AIRCRAFT DESIGNERS APPLY THESE LAWS TO ACHIEVE SUPERIOR DESIGN AND PERFORMANCE WITHOUT DETRACTING FROM PILOT SAFETY, AND EMPHASIZES THE PILOT'S NEED FOR A THOROUGH KNOWLEDGE OF THESE LAWS FOR SAFE FLYING.

THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

**BICYCLE COMPLIANCE TEST**

45 MIN, 16MM FILM, OPT. SD, COL 1976  
PRODUCER USCPSC SPONSOR USPTSD  
TITLE NO. 008276 SALE \$204.00

DEMONSTRATES MORE THAN 20 SEPARATE TEST METHODS UNDER THE BICYCLE SAFETY STANDARD, ISSUED BY THE U S CONSUMER PRODUCT SAFETY COMMISSION. SHOWS HOW BICYCLES ARE BEING TESTED FOR FRAME STRENGTH, BRAKING PERFORMANCE, AND MANY OTHER SAFETY CHARACTERISTICS.

**OTHER FORMAT(S) OR VERSION(S)**

\*171 2 X 2 SLIDES, SILENT, COL 1976  
PRODUCER USCPSC SPONSOR USPTSD  
TITLE NO. 008275 SALE \$15.00

SLIDES WERE TAKEN FROM THE 16MM FILM OF THE SAME TITLE AND ARE DESIGNED AS STUDY AND REVIEW MATERIALS.

**BIG PICKUP, THE**

28 MIN, 16MM FILM, OPT. SD, COL 1975

PRODUCER USOSWM  
TITLE NO. 009780

SALE \$127.00

DESCRIBES AMERICA'S \$5 BILLION-A-YEAR CHORE COLLECTING SOLID WASTE. SHOWS THE GARBAGE COLLECTOR'S PROBLEM AND ILLUSTRATES MANY TECHNIQUES THAT CAN IMPROVE EFFICIENCY AND EFFECTIVENESS.

**BOILERS AND THEIR OPERATION - TYPES OF NAVAL**

BOILERS

14 MIN. 16MM FILM, OPT. SO. B&W

1956

PRODUCER USN

AGENCY NO. MN-09223E

TITLE NO. 008417

SALE \$36.75

DESCRIBES THE SPECIAL CHARACTERISTICS OF THE FOLLOWING BOILER TYPES--3-DRUM A - O - OF - 2-FURNACE, SINGLE-UPTAKE, SUPERHEAT CONTROL - HEADER SINGLE PASS - AND HEADER 3-PASS.

**BUT FOR HOW LONG**

27 MIN. 16MM FILM, OPT. SO. COL

1974

PRODUCER USN

AGENCY NO. MN-11358

TITLE NO. 009651

SALE \$122.50

DISCUSSES HOW THE NAVY COMBATS POLLUTION OF THE OCEANS BY USING ITS KNOWLEDGE OF UNDERSEA CURRENTS TO PREDICT THE DIRECTION OF EFFLUENT FLOW FROM SEWAGE OUTFALLS. ALSO EXPLAINS THE DEVELOPMENT OF NEW SHIPBOARD WASTE TREATMENT FACILITIES AND TECHNIQUES FOR CONTROL AND RECOVERY OF OIL SPILLS.

**BY-PRODUCTS OF SPACE RESEARCH - SELECTED**

EXAMPLES

17 MIN. 16MM FILM, OPT. SO. COL

1967

PRODUCER USNASA

AGENCY NO. HQ-179

TITLE NO. 193575

SALE \$77.25

DEMONSTRATES RECENT INDUSTRIAL APPLICATIONS OF AERONAUTICAL AND SPACE TECHNOLOGY AND THE RESULTING NEW OR IMPROVED PRODUCTS AND TECHNIQUES. ILLUSTRATES THE USE OF COMPUTERS TO IMPROVE X-RAY PHOTOGRAPHS, THE APPLICATION OF TIRE HYDROPLANING STUDIES TO HIGHWAY SAFETY, AND THE USE OF NEW TOOLS FOR DIAGNOSING MUSCLE

DISEASE.

**CATHODIC PROTECTION - OPERATION AND MAINTENANCE**

24 MIN. 16MM FILM, OPT. SD, COL

1967

PRODUCER USN

AGENCY NO. MN-10146B

TITLE NO. 009480

SALE \$109.00

SHOWS THE OPERATION AND MAINTENANCE OF THE TWO SYSTEMS OF CATHODIC PROTECTION USED BY THE NAVY.

**CATHODIC PROTECTION PRINCIPLES AND SYSTEMS**

26 MIN. 16MM FILM, OPT. SD, B&W

1966

PRODUCER USN

AGENCY NO. MN-10146A

TITLE NO. 00556A

SALE \$68.50

DISCUSSES CATHODIC PROTECTION AS REGARDS THE PREVENTION OF CORROSION ON UNDERWATER HULLS OF SHIPS. EXPLAINS THE OPERATION OF CATHODE PROTECTION SYSTEMS.

**CERAMICS IN SPACE**

20 MIN. 16MM FILM, OPT. SD, COL

1968

PRODUCER USNASA

AGENCY NO. HQ-142

TITLE NO. 206759

SALE \$90.75

USES CERAMICS AS A TYPICAL FIELD OF SCIENTIFIC STUDY TO SHOW HOW A GRADUATE STUDENT DEVELOPS ACADEMIC ORIGINAL RESEARCH. INCLUDES SEARCHING SCIENTIFIC LITERATURE, DEFINING THE PROBLEM, DESIGNING, AND ANALYSING.

**CHALLENGE OF THE FUTURE**

29 MIN. 16MM FILM, OPT. SD, COL

1975

PRODUCER USERDA

TITLE NO. 007707

SALE \$131.75

REVIEWS THE PROBLEMS AND OPTIONS WHICH FACE THE U S IN MEETING THE GROWING ENERGY CRISIS. DEMONSTRATES THAT WITH THE ESCALATING COST OF PETROLEUM AND THE DIMINISHING SUPPLY, WE MUST SHIFT TO OTHER SOURCES OF ENERGY FOR THE FUTURE. VISITS THE LABORATORIES AND PILOT PLANTS IN THE ENERGY RESEARCH AND DEVELOPMENT CENTERS ACROSS THE COUNTRY. PRESENTS THE WORK OF SOLAR, GEOTHERMAL, AND ADVANCED ENERGY SYSTEMS.

NUCLEAR ENERGY, ENERGY CONSERVATION, ENVIRONMENT, AND SAFETY.

CLEANUP

18 MIN. 16MM FILM, OPT. SD. COL 1975  
PRODUCER USN AGENCY NO. MN-11474  
TITLE NO. (X)9655 SALE \$81.75

SHOWS SOME BASIC TOOLS FOR OIL REMOVAL IN NAVY HARBORS. ALSO SHOWS VARIOUS TYPES OF EQUIPMENT USED TO CONTAIN AND CLEAN UP OIL SPILLS, INCLUDING FIRE HOSES, PISTON FILM, ABSORBENTS, BROOMS, AND SKIMMERS. DISCUSSES THE ADVANTAGES AND DISADVANTAGES OF EACH REPRESENTATIVE TYPE OF EQUIPMENT.

CONCRETE BRIDGE DECK CONSTRUCTION

28 MIN. 16MM FILM, OPT. SD. COL 1972  
PRODUCER USFHW AGENCY NO. MN-11474  
TITLE NO. (X)0028 SALE \$127.00

SHOWS SOME OF THE IMPORTANT STEPS IN THE CONSTRUCTION OF BUILDING FORMS, PLACING REINFORCING STEEL - CHECKING WITH THE FINISHING MACHINE - PLACING CONCRETE AND CONSOLIDATING, FINISHING, AND CURING THE DECK.

CONSERVING ENERGY THROUGH APPLIANCE LABELING

7 MIN. 2 X 2 SLIDES, AUDIOCASSETTE, COL 1975  
PRODUCER USNBS  
TITLE NO. 009626 SALE \$12.00

EXPLAINS THE PURPOSE AND GOALS OF THE LABELING PROGRAM WHICH WAS BEGUN IN 1973. EXPLAINS HOW THE INFORMATION ON THE LABELS CAN HELP A CONSUMER BUY THE MOST EFFICIENT MODEL FOR HIS OR HER NEEDS AND SAVE ENERGY AND MONEY IN THE PROCESS. GIVES A LOOK AT ROOM AIR CONDITIONER ENERGY GUIDE LABELS.

GUIDE INCLUDED. 56 SLIDES.

CONSTRUCTING A SANITARY PIT PRIVY

70 FR. 35MM FILMSTRIP, SILENT, B&W 1949  
PRODUCER USPHS SPONSOR USNMAC AGENCY NO. 5-119

TITLE NO. 241290 SALE \$1.50

DEMONSTRATES THE CONSTRUCTION OF A SANITARY PIT PRIVY AND THE PRINCIPLES OF SANITATION INVOLVED.

FROM THE ENVIRONMENTAL SANITATION SERIES.

RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

OTHER FORMAT(S) OR VERSION(S)

\*10 MIN. 35MM FILMSTRIP, 1/4 IN. AUDIOTAPE, B&W 1949  
PRODUCER USPHS SPONSOR USNMAC AGENCY NO. 5-119  
TITLE NO. 007392 SALE \$8.50

70 FRAMES.

CONSTRUCTION OF AN OFFSHORE LIGHT STATION

29 MIN. 16MM FILM, OPT. SD. COL 1963  
PRODUCER USCG  
TITLE NO. 241408 SALE \$181.75

DOCUMENTS THE CONSTRUCTION OF A NEW TYPE OF OFFSHORE LIGHT STATION WHICH SUPPLANTS COAST GUARD LIGHTSHIPS. SHOWS MOVEMENT OF PARTS FROM SHIPYARD TO THE TOWER SITE AND ERECTION OF THE STEEL TOWER.

CLEARED FOR TV.

CONVERSATION WITH M KING HUBBERT, A

38 MIN. 16MM FILM, OPT. SD. COL 1976  
PRODUCER AHOA SPONSOR USHRAC  
TITLE NO. 007797 SALE \$172.50

PRESENTS DR M KING HUBBERT WHO IS A SCHOLAR AND FEDERAL AUTHORITY ON FUEL AND ENERGY, EXPLAINING THE LIMITS OF OUR FOSSIL FUEL SUPPLY AND THE IMPACT OF COMING ENERGY PROBLEMS ON HEALTH CARE INSTITUTIONS.

CLEARED FOR TV.

OTHER FORMAT(S) OR VERSION(S)

\*38 MIN. 3/4 IN. VIDEOCASSETTE, COL 1976  
PRODUCER AHOA SPONSOR USHRAC  
TITLE NO. 007798 SALE \$74.50

DAY THE TIDE TURNED RED, THE  
27 MIN, 16MM FILM, OPT. SD, COL 1975  
PRODUCER USN AGENCY NO. MN-11395  
TITLE NO. 009652 SALE \$122.50

DISCUSSES HOW NAVY SCIENTISTS ARE STUDYING AND DISCOVERING METHODS OF CONTROLLING THE RED TIDE PHENOMENON TO PREVENT ITS POISONOUS EFFECTS ON MEN AND MARINE LIFE.

DEMONSTRATION IN URBAN NOISE CONTROL, A  
3 MIN, 16MM FILM, OPT. SD, COL 1972  
PRODUCER USNBS  
TITLE NO. 007832 SALE \$13.50

DEMONSTRATES FIVE WAYS TO CONTROL ONE TYPICAL URBAN NOISE PROBLEM, THE TRUCK. SHOWS IMPROVED MUFFLERS, BETTER TIRE TREAD DESIGN, ARTIFICIAL NOISE BARRIERS, NATURAL BARRIERS, AND IMPROVED BUILDING CONSTRUCTION.

DESERT STEWARDSHIP - NATURAL RESOURCES  
MANAGEMENT AND CONSERVATION  
20 MIN, 16MM FILM, OPT. SD, COL 1975  
PRODUCER USN AGENCY NO. MN-11560  
TITLE NO. 008567 SALE \$90.75

PRESENTS AN OVERVIEW OF THE NATURAL AND CULTURAL RESOURCES FOUND ON THE NAVAL WEAPONS CENTER'S MORE THAN ONE MILLION ACRES OF RANGES. DISCUSSES THE CENTER'S PHILOSOPHY OF STEWARDSHIP OF ITS ASSETS AND THE MANAGEMENT REQUIRED FOR COMPATIBLE RANGE OPERATIONS. SHOWS HOW THE OUTDOOR LABORATORIES AND RANGES ARE SHARED WITH AREAS OF HISTORICAL INDIAN CARVINGS, ABANDONED TOWNS, THERMAL ENERGY AREAS, AND A FRAGILE DESERT ECOSYSTEM.

DESIGN FOR SURVIVAL  
23 MIN, 16MM FILM, OPT. SD, B&W 1953  
PRODUCER USA AGENCY NO. MF038-07951  
TITLE NO. 267010 SALE \$60.50

DISCUSSES THE AVAILABILITY AND USES OF CRITICAL RAW MATERIALS. EMPHASIZING THE NEED TO CREATE AND STRENGTHEN A POSITIVE ATTITUDE TOWARDS CONSERVATION AMONG THOSE CONCERNED WITH THE DESIGN, PLANNING, MANUFACTURE, AND PURCHASE OF MILITARY EQUIPMENT.

DESILTING THE HUDSON  
12 MIN, 16MM FILM, OPT. SD, COL 1960  
PRODUCER USAE  
TITLE NO. 003515 SALE \$86.00

DEPICTS SILTING PROBLEMS THAT EXIST IN NEW YORK HARBOR AND THE HUDSON RIVER BELOW THE GEORGE WASHINGTON BRIDGE. DESCRIBES HOW AN HYDRAULIC MODEL AT THE WATERWAYS EXPERIMENT STATION IS HELPING ENGINEERS TO ANALYZE THE PROBLEM AND TEST EFFECTIVENESS OF MEASURES TO DECREASE THE RATE OF SHOALING.

DISTILLATION UNIT OPERATION AND  
MAINTENANCE, PT A  
14 MIN, 3/4 IN. VIDEOCASSETTE, COL 1970  
PRODUCER USAF AGENCY NO. TV556-0005A  
TITLE NO. 009426 SALE \$45.00

PRESENTS INFORMATION CONCERNING THEORY OF OPERATION, SAFETY PROCEDURES, AND MAINTENANCE PROCEDURES RELATED TO THE PEE 10K VAPOR COMPRESSION DISTILLATION UNIT.

DISTILLATION UNIT OPERATION AND  
MAINTENANCE, PT B  
15 MIN, 3/4 IN. VIDEOCASSETTE, COL 1970  
PRODUCER USAF AGENCY NO. TV556-0005B  
TITLE NO. 009427 SALE \$45.00

PRESENTS INFORMATION CONCERNING THEORY OF OPERATION, SAFETY PROCEDURES, AND MAINTENANCE PROCEDURES RELATED TO THE PEE 10K VAPOR COMPRESSION DISTILLATION UNIT.

DRYER DRUM PROCESS  
20 MIN, 16MM FILM, OPT. SD, COL 1973  
PRODUCER USFHW A  
TITLE NO. 003114 SALE \$90.75

DOCUMENTS THE EVALUATION STUDIES CONDUCTED BY THE U S FEDERAL HIGHWAY ADMINISTRATION ON SEVERAL HOT MIX PLANTS LOCATED IN IOWA, MINNESOTA, AND NORTH DAKOTA WHICH UTILIZE THE DRYER DRUM METHOD OF PRODUCTION. TELLS HOW STRINGENT POLLUTION REQUIREMENTS HAVE LED TO THE BREAKTHROUGH IN THE PRODUCTION OF BITUMINOUS MIXTURES USING PENETRATION GRADE ASPHALTS.

DUAL-DRUM PAVER PRODUCTIVITY  
30 MIN, 16MM FILM, OPT. SD, COL 1960  
PRODUCER USFHWA  
TITLE NO. 282075 SALE \$136.25

USES SCENES OF PAVER OPERATIONS TO ILLUSTRATE HOW AND TO WHAT EXTENT OPERATING DELAYS AFFECT POWER PRODUCTIVITY. SHOWS JOBS WHERE PAVER PRODUCTION RATES RANGED FROM LOW ON SOME TO OUTSTANDING ON OTHERS.

EMBANKMENT COMPACTION CONTROL - FAMILY OF CURVES  
15 MIN, 16MM FILM, OPT. SD, COL 1973  
PRODUCER USFHWA  
TITLE NO. 000896 SALE \$68.00

SHOWS THE PROPER METHODS FOR SOIL TESTING AND QUALITY CONTROL BY THE USE OF A FAMILY OF CURVES AND THE 1-POINT COMPACTION TEST.

ENERGY - THE AMERICAN EXPERIENCE  
29 MIN, 16MM FILM, OPT. SD, COL 1976  
PRODUCER USERDA  
TITLE NO. 007706 SALE \$131.75

SHOWS THE DEVELOPMENT OF DIFFERENT FORMS OF ENERGY UNDER THE UNIQUE CONDITIONS OF THE AMERICAN EXPERIENCE. DEPICTS THE 60-YEAR CHANGING CYCLES OF ENERGY SOURCES FROM WOOD TO COAL TO OIL AND GAS. DEMONSTRATES THAT THE FUELS AMERICANS THOUGHT INEXHAUSTABLE ARE BEING USED TOO RAPIDLY. DISCUSSES HOW TO PLAN THE BEST USE OF PRESENT RESOURCES AND MOBILIZE SCIENCE AND INDUSTRY TO DEVELOP NEW SOURCES AND CHOICES OF ENERGY.

CLEARED FOR TV.

#### ENGINEERING DATA MANAGEMENT

11 MIN, 16MM FILM, OPT. SD, COL 1966  
PRODUCER USAF AGENCY NO. SFP-1483  
TITLE NO. 303279 SALE \$50.00

DESCRIBES THE PROGRAM DEVELOPED BY THE AIR FORCE LOGISTICS COMMAND FOR OBTAINING NECESSARY ENGINEERING DATA ABOUT AIR FORCE WEAPONS SYSTEMS. SHOWS HOW THE CONTRACTOR PROVIDES SUCH INFORMATION DIRECT TO THE USER. EXPLAINS THE ADVANTAGES OF THE PROGRAM TO BOTH CONTRACTOR AND AIR FORCE. ALSO DISCUSSES PRIORITIES OF REQUESTS FOR INFORMATION AND NECESSARY CONTROLS.

CLEARED FOR TV. THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

#### ENGINEERING FOR TOMMORROW

28 MIN, 16MM FILM, OPT. SD, COL 1970  
PRODUCER USA AGENCY NO. TV-0781  
TITLE NO. 009374 SALE \$127.00

DISCUSSES THE RESEARCH, DEVELOPMENT, AND CONSTRUCTION WORK OF THE CORPS OF ENGINEERS. INCLUDES DETAILS OF FLOOD CONTROL, POLAR RESEARCH IN GREENLAND, AND A SEABORNE NUCLEAR POWER PLANT.

FROM THE BIG PICTURE SERIES.

CLEARED FOR NON-SPONSORED TV.

#### ENGINEERING--A SERIES

11 35MM FILMSTRIPS, CAPTIONS  
PRODUCER USOE  
TITLE NO. 008337 SALE \$16.50

REVIEW MATERIALS FOR THE FILM SERIES OF THE SAME TITLE.

FLUE GAS ANALYSIS - ORSAT APPARATUS 43FRS  
HEAT TREATMENT OF ALUMINUM, PT 1 47FRS  
HEAT TREATMENT OF ALUMINUM, PT 2 41FRS  
MEASUREMENT WITH LIGHT WAVES 50FRS

PRINCIPLES OF DRY FRICTION 36FRS  
 PRINCIPLES OF LUBRICATION 30FRS  
 PRINCIPLES OF REFRIGERATION 44FRS  
 SLIDE RULE, THE - PROPORTION, PERCENTAGE, 44FRS  
 SQUARES, AND SQUARE ROOTS  
 SLIDE RULE, THE - THE 'C' AND 'D' SCALES 39FRS  
 TENSION TESTING 45FRS  
 X-RAY INSPECTION 54FRS

OTHER FORMAT(S) OR VERSION(S)

\*12 16MM FILMS, OPT. SD  
 PRODUCER USOE  
 TITLE NO. 007130 RENTAL \$95.00 SALE \$615.25

ENVIRONMENT, FOR EDUCATION

19 MIN. 16MM FILM, OPT. SD, COL 1973  
 PRODUCER USDCPA AGENCY NO. DDCP05-0272  
 TITLE NO. 002083 SALE \$86.25

EXPLAINS, BY EXAMPLE, THAT WELL DESIGNED SCHOOL BUILDINGS CAN PROVIDE PROTECTION AGAINST VANDALISM, NOISE POLLUTION, AND NATURAL DISASTER HAZARDS, AS WELL AS RADIO-ACTIVE FALLOUT.

ENVIRONMENTAL EDUCATION - A BEGINNING (SHORT VERSION)

14 MIN. 16MM FILM, OPT. SD, COL 1974  
 PRODUCER USOE  
 TITLE NO. 007307 SALE \$63.50

SHOWS MANY PROJECTS AIMED AT SOLVING ENVIRONMENTAL PROBLEMS. EXAMINES THE EFFORTS OF UNIONS, SCOUT GROUPS, SCHOOLS, AND OTHER ORGANIZATIONS, TO COMBAT POLLUTION.

EXTREME WIND STUDY

15 MIN. 16MM FILM, OPT. SD, COL 1975  
 PRODUCER USNBS  
 TITLE NO. 009627 SALE \$68.00

DOCUMENTS A RESEARCH PROGRAM OF THE NATIONAL BUREAU OF STANDARDS CENTER FOR BUILDING TECHNOLOGY SPONSORED BY THE AGENCY FOR INTERNATIONAL DEVELOPMENT WHICH CON-

TRIBUTED TO IMPROVED STORM-RESISTANT BUILDING DESIGN AND CONSTRUCTION PRINCIPLES. PRESENTS THE STUDY'S FINDINGS DEALING WITH HURRICANES, TYPHOONS, AND CYCLONES.

FIVE MINUTES TO LIVE

18 MIN. 16MM FILM, OPT. SD, COL 1976  
 PRODUCER USLBJC SPONSOR USNASA AGENCY NO. HQA-253  
 TITLE NO. 009847 SALE \$81.75

SHOWS A DRAMATIC EXAMPLE OF SPACE TECHNOLOGY UTILIZATION--TELECARE, AN ADVANCED EMERGENCY CARE SYSTEM, DEPICTS HOUSTON PARAMEDICS SAVING THE LIFE OF A CORONARY VICTIM. EXPLAINS THE SPACE PROGRAM ORIGIN OF SYSTEM COMPONENTS.

CLEARED FOR NON-SPONSORED TV.

GREAT CLEAN AIR CAR RACE, THE

26 MIN. 16MM FILM, OPT. SD, COL 1970  
 PRODUCER USEPA  
 TITLE NO. 000860 RENTAL \$12.50 SALE \$118.00

DOCUMENTS THE COMPETITION BETWEEN THE EXOTIC AND MODIFIED VEHICLES BUILT BY STUDENTS FROM OVER 50 COLLEGES, UNIVERSITIES, AND HIGH SCHOOLS ACROSS THE COUNTRY TO DEMONSTRATE WAYS OF REDUCING AIR POLLUTION FROM AUTOMOBILES.

GREAT GAS SAVE-IN

13 MIN. 16MM FILM, OPT. SD, COL 1975  
 PRODUCER USPOST  
 TITLE NO. 009961 RENTAL \$10.00 SALE \$59.00

SHOWS LOGICAL METHODS FOR GASOLINE CONSERVATION BY BOTH VEHICLE DRIVERS AND FLEET OPERATORS. OFFERS GENERAL APPLICABILITY TO ANY LARGE BUSINESS, GOVERNMENT OFFICE, OR INDIVIDUAL INTERESTED IN GASOLINE CONSERVATION.

HANFORD OR BUST - 7,000 MILES FOR ENERGY

29 MIN. 16MM FILM, OPT. SD, COL 1975  
 PRODUCER USANL SPONSOR USERDA

TITLE NO. 009825

SALE \$131.75

PRESENTS THE STORY OF THE 7,000-MILE RIVER AND SEA VOYAGE OF A METAL GIANT. SHOWS HOW THE LARGEST STAINLESS STEEL NUCLEAR REACTOR VESSEL IS MADE OF 890 TONS OF HARDWARE. GIVES SOME FACTS ABOUT THE ESSENTIAL TESTING FOR THE BREEDER PROGRAM, WHICH WILL HELP PLACE AMERICAN HANDS ON A NEW SOURCE OF ENERGY THAT COULD HELP LIGHT CITIES FOR CENTURIES TO COME.

CLEARED FOR NON-SPONSORED TV.

HAZARDOUS WASTES - THE GROSS NATIONAL BY-PRODUCT

18 MIN, 2 X 2 SLIDES, AUDIOCASSETTE, COL 1976

PRODUCER USOSWM

TITLE NO. 007918 SALE \$10.00

EXPLAINS WHAT HAZARDOUS WASTES ARE AND HOW THEY ARE PRODUCED. DISCUSSES HOW THEY ARE TREATED, TRANSPORTED, AND DISPOSED OF. SUMMARIZES THE PROBLEM AND SUGGESTS WAYS FOR CONCERNED CITIZENS AND PUBLIC INTEREST GROUPS TO TAKE CONSTRUCTIVE ACTION TO COPE WITH HAZARDOUS WASTES.

44 SLIDES. 1 AUDIOCASSETTE, 2-TRACK, MONO, WITH AUDIBLE AND INAUDIBLE ADVANCE SIGNALS. SCRIPT INCLUDED.

HIGHWAY AND ITS ENVIRONMENT, THE

20 MIN, 16MM FILM, OPT. SD, COL 1974

PRODUCER USFHWA

TITLE NO. 007201 RENTAL \$10.00 SALE \$90.75

SHOWS UNLIMITED WAYS IN WHICH HIGHWAYS CAN BE DEVELOPED IN HARMONY WITH THEIR SURROUNDINGS. EXPLAINS THAT EACH YEAR A COMPETITION IS HELD TO RECOGNIZE CREATIVE ACHIEVEMENT IN HIGHWAY-ORIENTED ENDEAVORS AND TO ACKNOWLEDGE PROGRAMS WHICH CONTRIBUTE EFFECTIVELY TO A MORE ESTHETIC ENVIRONMENT. EXHIBITS MANY EXAMPLES.

HIGHWAY BRIDGE RESEARCH

19 MIN, 16MM FILM, OPT. SD, COL 1964

PRODUCER USFHWA

TITLE NO. 392900

SALE \$86.25

SHOWS METHODS USED IN CONDUCTING STRAIN RESEARCH ON STEEL AND REINFORCED CONCRETE BRIDGES. SHOWS DETAILS ON INSTALLATION OF GAUGES, WIRING, AND INSTRUMENTATION. SHOWS OPERATION, EXPLAINS EQUIPMENT, AND GIVES RESULTS.

HIGHWAYS ARE FOR PEOPLE

27 MIN, 16MM FILM, OPT. SD, COL 1968

PRODUCER USFHWA

TITLE NO. 393164 RENTAL \$12.50 SALE \$122.50

STRESSES THE BENEFICIAL ROLE OF HIGHWAYS IN THE DEVELOPMENT OF THE U.S. POINTS OUT THE ABILITY OF HIGHWAYS TO MEET THE NATION'S TRANSPORTATION NEEDS AND TO HARMONIZE WITH EFFORTS TO IMPROVE THE ENVIRONMENT. DEMONSTRATES THAT SOUND STATE PLANNING, PUBLIC-MINDED PROGRAMMING, AND IMAGINATIVE DESIGN ARE CONTRIBUTING TO THE CONTINUING IMPROVEMENT OF THE FEDERAL AID HIGHWAY SYSTEM.

HOOVER DAM

33 MIN, 16MM FILM, OPT. SD, B&W 1949

PRODUCER USDS

AGENCY NO. 01-02801

TITLE NO. 398250

SALE \$86.75

EXPLAINS THE NEED FOR CONTROL OF THE COLORADO RIVER. PICTURES THE CONSTRUCTION OF THE HOOVER DAM, AND INDICATES ITS VALUE FOR IRRIGATION AND ELECTRIC POWER.

HOW TO SUCCEED WITHOUT RE-INVENTING THE WHEEL

- ENGINEERS CAN RETRIEVE INFORMATION

30 MIN, 16MM FILM, OPT. SD, B&W 1965

PRODUCER USDOD, SPONSOR USAF

AGENCY NO. OSD-02-65

TITLE NO. 009529 RENTAL \$10.00 SALE \$79.00

DRAMATIZES THE NEED FOR ENGINEERS TO HAVE ACCESS TO DATA. CITES THE USE OF A COMPUTER AS THE CORE OF A WORKABLE INFORMATION RETRIEVAL SYSTEM.

CLEARED FOR NON-SPONSORED TV.

INNER FRONTIER, THE  
12 MIN. 16MM FILM, OPT. SD, COL 1974  
PRODUCER USN AGENCY NO. MN-11025E  
TITLE NO. (X)5892 SALE \$54.50

SHOWS UNDERWATER CONSTRUCTION TECHNIQUES AND CAPABILITIES DEVELOPED BY THE NAVY FACILITIES COMMAND AND NCF IN SUPPORT OF THE HABITAT AND EQUIPMENT INSTALLATIONS OF PROJECTS TEKITE AND AFAR (AZORES FIXED ACOUSTIC RANGE.)

INTRODUCTION TO ENVIRONMENTAL ENGINEERING  
22 MIN. 16MM FILM, OPT. SD, COL 1962  
PRODUCER USN AGENCY NO. MN-09665  
TITLE NO. (082440) SALE INQUIRE

HIGHLIGHTS SOME OF THE MORE IMPORTANT ENVIRONMENTAL ENGINEERING MANAGEMENT AREAS AND INTERRELATES THEM IN PROBLEM-SOLVING APPROACHES.

INTRODUCTION TO HIGHWAY HYDRAULICS  
21 MIN. 16MM FILM, OPT. SD, COL 1960  
PRODUCER USFHWA  
TITLE NO. 434149 SALE \$95.25

ILLUSTRATES SOME FUNDAMENTAL PRINCIPLES OF HYDRAULICS OF OPEN CHANNEL FLOW. HYDRAULIC MODELS IN THE LABORATORY ARE CORRELATED WITH FIELD HIGHWAY INSTALLATIONS WHERE POSSIBLE.

IT'S DOLLARS AND SENSE  
28 MIN. 16MM FILM, OPT. SD, COL 1976  
PRODUCER USHRA  
TITLE NO. 007893 SALE \$127.00

EXPLAINS HOW THE STEPS TAKEN TO REDUCE THE USE OF ENERGY HAVE RESULTED IN SUBSTANTIAL DOLLAR SAVINGS WITHOUT AFFECTING THE QUALITY OF PATIENT CARE. ALSO EXPLAINS LOAD-SHEDDING PRACTICES, HEATING AND VENTILATION PRACTICES, EFFICIENCY TESTING AND EQUIPMENT MAINTENANCE, LIGHTING, NEW INNOVATIONS AND DESIGNS, AND OTHER MEASURES WHICH CAN BE APPLIED BY HOSPITALS

INTERESTED IN STRETCHING THEIR BUDGETS BY CONSERVING ENERGY.

CLEARED FOR TV.

KNOCK AT THE DOOR  
18 MIN. 16MM FILM, OPT. SD, COL 1970  
PRODUCER USFHWA  
TITLE NO. 453860 SALE \$81.75

SHOWS WHAT SOME STATE HIGHWAY DEPARTMENTS, UNION ORGANIZATIONS, AND HIGHWAY CONSTRUCTION CONTRACTORS ARE DOING TO TRAIN MINORITY GROUP PERSONS TO OPERATE HEAVY HIGHWAY CONSTRUCTION EQUIPMENT. ALSO SHOWS THAT THERE ARE OPPORTUNITIES IN THE CONSTRUCTION TRADES FOR MINORITY AND UNDERPRIVILEGED PERSONS TO IMPROVE THEIR LIVES.

LEGACY, THE  
28 MIN. 16MM FILM, OPT. SD, COL 1975  
PRODUCER USGSA  
TITLE NO. 009640 RENTAL \$12.50 SALE \$127.00

EXPLAINS THE TOTAL SYSTEMS APPROACH TO FIRESAFETY AND BUILDING PROTECTION. FOCUSES ON GSA'S FIRST HIGH-RISE STRUCTURE TO INCLUDE A TOTAL FIRESAFETY SYSTEM, THE SEATTLE FEDERAL BUILDING. SHOWS A TOTAL SPRINKLER SYSTEM, 2-WAY VOICE COMMUNICATIONS, VOICE ALERTING SYSTEMS, SMOKE DETECTION EQUIPMENT, AUTOMATIC ELEVATOR RECALL, AND A COMPUTER SYSTEM. ALSO SHOWS HOW ALL ELEMENTS ARE VISUALLY BROUGHT TOGETHER WITH THE HUMAN ELEMENT.

LET NATURE WORK FOR YOU  
12 MIN. 16MM FILM, OPT. SD, COL 1969  
PRODUCER USFHWA  
TITLE NO. 002518 SALE \$54.50

ILLUSTRATES HOW NATURAL PLANT REGENERATION CAN BE USED TO ASSIST HIGHWAY MAINTENANCE ENGINEERS IN BEAUTIFYING THE RIGHT-OF-WAY AFTER CONSTRUCTION HAS BEEN COMPLETED. ENCOURAGES MAINTENANCE CREWS TO KEEP MOWING OPERATIONS TO A MINIMUM BY NOT MOWING THE COMPLETE RIGHT-OF-WAY, GIVING NATURE A CHANCE TO REVEGETATE THE

AREAS.

LICENSE PLATE TRAFFIC SURVEY

12 MIN, 16MM FILM, OPT. SD, COL 1968  
PRODUCER USFHWA  
TITLE NO. 474940 SALE \$54.50

SHOWS A METHOD OF CONDUCTING A SURVEY ON THE ORIGIN-  
ATION AND DESTINATION OF TRAFFIC THROUGH THE USE OF MO-  
TION PICTURE PHOTOGRAPHY. SHOWS HOW THE PHOTOGRAPHIC  
EQUIPMENT SHOULD BE SET UP FOR RECORDING LICENSE  
PLATES, HOW THIS INFORMATION IS TRANSFERRED FOR ELEC-  
TRONIC DATA PROCESSING, AND HOW QUALIFIED RESULTS ARE  
OBTAINED BY MEANS OF A RAPID FOLLOWUP.

LOST PRODUCTION IN HIGHWAY CONSTRUCTION

30 MIN, 16MM FILM, OPT. SD, COL 1957  
PRODUCER USFHWA  
TITLE NO. 002317 SALE \$136.25

EXAMINES MINOR DELAYS THAT AFFECT PRODUCTION RATES  
OF KEY UNITS OF HIGHWAY CONSTRUCTION EQUIPMENT,  
INCLUDING POWER SHOVELS, SCRAPERS, HOT-MIX  
BITUMINOUS PLANTS, AND CONCRETE PAVERS.

MACHINE SHOP WORK - FUNDAMENTALS OF BLUEPRINT

READING - A SERIES  
5 16MM FILMS, OPT. SD  
PRODUCER USOE  
TITLE NO. 007597 RENTAL \$32.50 SALE \$173.50

PRINCIPAL DIMENSIONS, REFERENCE SURFACES, AND 12MIN  
TOLERANCES  
READING A DRAWING OF A VALVE BONNET 20MIN  
READING A THREE-VIEW DRAWING 10MIN  
SECTIONAL VIEWS AND PROJECTIONS, FINISH MARKS 15MIN  
VISUALIZING AN OBJECT 9MIN

MEANWHILE BACK ON EARTH

14 MIN, 16MM FILM, OPT. SD, COL 1972  
PRODUCER USNASA AGENCY NO. HQ-225  
TITLE NO. 002128 SALE \$63.50

CONSIDERS THE IMPACT OF AEROSPACE TECHNOLOGY ON THE  
APPLICATIONS OF INDUSTRIAL DESIGN TO SUCH THINGS AS  
AUTOMOBILE SUSPENSION SYSTEMS, LARGE COLISEUM DOMES,  
ANTENNA TOWERS, HELICOPTERS, ELECTRIC POWERPLANTS,  
PAPER PULPMaking, RAILBEDS, AND SKYSCRAPERS.

MEASURES FOR AIR QUALITY

4 MIN, 16MM FILM, OPT. SD, COL 1972  
PRODUCER USNBS  
TITLE NO. 007831 SALE \$18.25

DESCRIBES NEW AIR QUALITY MEASUREMENT TECHNIQUES AND  
CALIBRATION STANDARDS BEING DEVELOPED AT THE NATIONAL  
BUREAU OF STANDARDS TO HELP IMPROVE THE ACCURACY OF  
MEASURING AIR POLLUTION. INCLUDES THE USE OF A LASER  
TO MEASURE AIR POLLUTION LEVELS, THE SULPHUR DIOXIDE  
FLUORESCENCE DETECTOR, AND THE PERMEATION TUBE.

MERGING CONTROL SYSTEMS

15 MIN, 16MM FILM, OPT. SD, COL 1971  
PRODUCER USFHWA  
TITLE NO. 001836 RENTAL \$10.00 SALE \$68.00

REPORTS ON A RESEARCH STUDY AIMED AT ASSISTING THE  
DRIVER IN ENTERING THE FREEWAY TRAFFIC STREAM AS  
SMOOTHLY AND EASILY AS POSSIBLE. SHOWS HOW TWO MERG-  
ING CONTROL SYSTEMS ARE DEVELOPED AND TESTED. EX-  
PLAINS THE PACER SYSTEM AND THE GREEN BAND SYSTEM TO  
AVOID REAR END AND SIDESWIPE ACCIDENTS.

MINING NOISE HAZARDS

21 MIN, 16MM FILM, OPT. SD, COL 1973  
PRODUCER USBM SPONSOR USMESA  
TITLE NO. 003551 SALE \$95.25

PROMOTES A GENERAL AWARENESS OF NOISE HAZARDS IN THE  
COAL MINING INDUSTRY. SHOWS ACTUAL UNDERGROUND MINING  
SCENES, ON-THE-JOB NOISE SURVEYS, AND LABORATORY TESTS  
AND ANALYSIS. DEMONSTRATES PREVENTIVE METHODS TO-  
GETHER WITH VARIOUS FORMS OF ENGINEERING CONTROLS  
AND PROTECTIVE DEVICES.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM

24

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CHIEF, OFFICE OF AUDIOVISUALS, U S DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIO-VISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

MODERN GEODETIC SURVEYING

18 MIN, 16MM FILM, OPT. SD, COL 1967  
PRODUCER USN AGENCY NO. MN-10203  
TITLE NO. 002546 SALE \$81.75

SHOWS THE NEED, NATURE, AND MEANS OF GEODETIC SURVEYING AS IT EXISTS TODAY, WITH EMPHASIS ON THE CHALLENGE OF THE FUTURE.

CLEARED FOR TV.

MODERN MANUFACTURING - COMMAND PERFORMANCE

33 MIN, 16MM FILM, OPT. SD, COL 1963  
PRODUCER USAF AGENCY NO. SFP-1153  
TITLE NO. 528125 SALE \$148.75

ILLUSTRATES THE NEED FOR USING MODERN METHODS IN THE PRODUCTION OF AEROSPACE VEHICLES. EXPLAINS THAT THE USE OF AUTOMATION FROM PROGRAMMING TO FINISHED PRODUCT CAN SUPERSEDE CONVENTIONAL METHODS IN SPEED, RELIABILITY, AND ECONOMY. SHOWS ELECTRONICALLY CONTROLLED MACHINERY WHICH OPERATES SOLELY ON COMMANDS FROM NUMERICAL COMPUTER TAPES AND PERFORMS TASKS WITH PRECISION AND ACCURACY.

CLEARED FOR TV. THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

NOT SINCE THE PYRAMIDS

29 MIN, 16MM FILM, OPT. SD, COL 1969  
PRODUCER USN AGENCY NO. MN-10753  
TITLE NO. 005612 SALE \$131.75

SHOWS THE CHARACTERISTICS OF THE CONSTRUCTION PROJECTS MANAGED BY THE NAVAL FACILITIES ENGINEERING COMMAND IN

VIETNAM

OCEAN INSTRUMENTS FOR DEEP SUBMERGENCE VEHICLES

29 MIN, 16MM FILM, OPT. SD, COL 1969  
PRODUCER USN AGENCY NO. MN-10525  
TITLE NO. 005217 SALE \$131.75

SHOWS THE SPECIAL INSTRUMENTATION REQUIREMENTS FOR DEEP SUBMERGENCE VEHICLES. DESCRIBES DEVELOPMENTS IN THIS FIELD.

OCEANOGRAPHIC PREDICTION SYSTEM

20 MIN, 16MM FILM, OPT. SD, COL 1966  
PRODUCER USN AGENCY NO. MN-10167  
TITLE NO. 561855 SALE \$136.25

SHOWS OCEANOGRAPHIC PREDICTION SYSTEMS AND PROGRAMS, AND THEIR RELATIONSHIP TO DEFENSE AND ECONOMIC NEEDS. DISCUSSES HOW PREDICTIONS INCREASE THE USE OF OCEANOGRAPHIC DATA FOR A FULLER UNDERSTANDING AND EXPLOITATION OF THE SEAS.

PARTNERS IN SAFETY

13 MIN, 16MM FILM, OPT. SD, COL 1975  
PRODUCER USFHWA  
TITLE NO. 009710 SALE \$59.00

CONCERNS DRIVING A VEHICLE IN AND AROUND HIGHWAY CONSTRUCTION PROJECTS AND ROUTINE MAINTENANCE OPERATIONS. ENCOURAGES COOPERATION BETWEEN THE DRIVING PUBLIC AND THE HIGHWAY WORK FORCE.

PARTNERS WITH INDUSTRY

13 MIN, 16MM FILM, OPT. SD, COL 1975  
PRODUCER USNASA AGENCY NO. HQ-252  
TITLE NO. 009841 SALE \$59.00

TELLS HOW AMERICA'S INDUSTRY CAN BENEFIT FROM NASA TECHNOLOGY NOW AND IN THE FUTURE. LOOKING TO THE FUTURE, AS NASA CONTINUES TO EXPLORE THE FRONTIER OF SPACE, AMERICA'S INDUSTRIAL COMMUNITY WILL RELY HEAVILY UPON THIS DEVELOPING RESOURCE. TOUCHES ALMOST

EVERY BRANCH OF SCIENCE IN ALMOST EVERY DISCIPLINE OF TECHNOLOGY.

CLEARED FOR NON-SPONSORED TV.

WORK. DEMONSTRATES HOW PRODUCTION IS AFFECTED BY THE SPEED OF THE DIPPER CYCLE, SIZE OF DIPPER LOAD, AND FREQUENCY AND DURATION OF MINOR DELAYS.

PEOPLE MAKE IT HAPPEN  
23 MIN, 16MM FILM, OPT. SD, COL 1976  
PRODUCER USBIE  
TITLE NO. 007898 SALE \$104.50

EMPHASIZES THE IMPORTANCE OF CONSUMER BEHAVIOR IN PRODUCT SAFETY. USES ANIMATION, SONGS, AND HUMOROUS SKITS TO SHOW HOW SELECTION, USE, MAINTENANCE, STORAGE, AND DISPOSAL OF CONSUMER PRODUCTS AFFECTS SAFETY.

PERT MILESTONE SYSTEM - INTRODUCTION  
27 MIN, 16MM FILM, OPT. SD, COL 1962  
PRODUCER USN AGENCY NO. MN-09704A  
TITLE NO. 002806 SALE \$122.50

SHOWS HOW MANAGEMENT AND OPERATING LEVELS ARE BROUGHT TOGETHER FOR THE PLANNING AND EXECUTION OF COMPLEX RESEARCH AND DEVELOPMENT PROJECTS.

POLLUTION BELOW  
14 MIN, 16MM FILM, OPT. SD, COL 1975  
PRODUCER USNASA AGENCY NO. HQ-247  
TITLE NO. 009583 SALE \$63.50

PRESENTS THE STORIES OF THREE PEOPLE FAR APART, CAUGHT UP IN DANGEROUS SITUATIONS CAUSED BY UNEXPECTED POLLUTION.

FROM THE REDISCOVERY SERIES.

POWER SHOVEL PRODUCTIVITY  
30 MIN, 16MM FILM, OPT. SD, COL 1969  
PRODUCER USFHWA  
TITLE NO. 003069 SALE \$136.25

HIGHLIGHTS THE JOB CONDITIONS THAT DETERMINE THE YARDAGE OUTPUT OF POWER SHOVELS ON HIGHWAY GRADING

PREFERENTIAL TREATMENT FOR HIGH OCCUPANCY VEHICLE  
21 MIN, 16MM FILM, OPT. SD, COL 1973  
PRODUCER USEHWA  
TITLE NO. 004666 SALE \$95.25

SHOWS SYSTEMATIC WAYS TO MAKE MORE EFFICIENT USE OF URBAN HIGHWAYS, INCLUDING SPECIAL LANES FOR BUSES AND CARPOOLS, CURB LANES ON ARTERIAL STREETS, AND PARKING FACILITIES OUTSIDE CONGESTED AREAS FOR COMMUTERS. ILLUSTRATES A DESIGN OF INTERCHANGES AND APPROACHES WHICH ALLOWS LIMITED ACCESS TO REVERSIBLE LANES.

PRESTRESSED CONCRETE PAVEMENT CONSTRUCTION  
25 MIN, 16MM FILM, OPT. SD, COL 1973  
PRODUCER USFHWA  
TITLE NO. 000897 SALE \$113.50

SHOWS A PICTORIAL RECORD OF THE FIRST SUBSTANTIAL SECTION OF PRESTRESSED CONCRETE HIGHWAY PAVEMENT BUILT IN THE U S.

PREVENTING COAL PNEUMOCONIOSIS THROUGH ENGINEERING CONTROLS  
21 MIN, 16MM FILM, OPT. SD, COL 1971  
PRODUCER USBM SPONSOR USMESA  
TITLE NO. 003546 SALE \$95.25

DESCRIBES CAUSES, EFFECTS, AND PREVENTION OF ONE OF COAL MINING'S MOST HAZARDOUS HEALTH PROBLEMS--PNEUMOCONIOSIS OR BLACK LUNG. SUGGESTS METHODS OF DETECTION, CONTROL, AND SUPPRESSION OF RESPIRABLE COAL DUST, ALONG WITH THE LATEST DEVELOPMENTS IN ENVIRONMENTAL RESEARCH AND CONTROL.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE

PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIO-VISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

PROJECT GASBUGGY - THE RESOURCEFUL ATOM  
15 MIN, 16MM FILM, OPT. SD, COL 1968  
PRODUCER USAEC SPONSOR USERDA  
TITLE NO. 001362 SALE \$78.25

DESCRIBES A PROJECT, INVOLVING GOVERNMENT AND INDUSTRY, TO STUDY WHETHER NUCLEAR EXPLOSIONS CAN BE SAFELY USED TO PERFORM MASSIVE UNDERGROUND ENGINEERING TASKS FOR MORE EFFICIENT RECOVERY OF NATURAL RESOURCES.

PUBLIC WORKS AND PUBLIC UTILITIES - CONTROL OF CORROSION BY CATHODE PROTECTION - BURIED...  
19 MIN, 16MM FILM, OPT. SD, COL 1960  
PRODUCER USN AGENCY NO. MN-08131E  
TITLE NO. 003180 SALE \$86.25

FULL TITLE--PUBLIC WORKS AND PUBLIC UTILITIES - CONTROL OF CORROSION BY CATHODE PROTECTION - BURIED METAL STRUCTURES. SHOWS METHODS OF DETERMINING THE NEED FOR INSTALLING CATHODIC PROTECTIVE SYSTEMS; DEMONSTRATES INSTALLATION, ADJUSTMENTS, AND OPERATIONAL INSPECTIONS REQUIRED FOR THE GALVANIC ANODE SYSTEM AND THE IMPRESSED CURRENT SYSTEM.

RACE FOR CLEAN AIR, THE  
27 MIN, 16MM FILM, OPT. SD, COL 1972  
PRODUCER USEPA  
TITLE NO. 000120 RENTAL \$12.50 SALE \$122.50

SHOWS THE 1970 CLEAN AIR CAR RACE. DISCUSSES THE DIFFERENT CONTROL SYSTEMS, DIFFERENT FUELS, AND DIFFERENT PROPULSION SYSTEMS THAT WERE ENTERED IN THE CROSS-COUNTRY EVENT.

REALITIES OF RECYCLING, THE  
39 MIN, 16MM FILM, OPT. SD, COL 1971  
PRODUCER USOSWM SPONSOR USEPAP  
TITLE NO. 002177 RENTAL \$15.00 SALE \$177.00

SHOWS A VARIETY OF EQUIPMENT BEING USED TO RECOVER AND REUSE MATERIALS FROM SOLID WASTES. EXISTING MARKETS FOR GLASS, ALUMINUM, AND STEEL CONTAINERS, PAPER AND OLD CAR HULKS ARE DESCRIBED, ALONG WITH NEW TECHNOLOGY BEING INVESTIGATED AND DEMONSTRATED UNDER PROVISIONS OF THE SOLID WASTE DISPOSAL ACT.

RECYCLED ASPHALT CONCRETE - BY RMI SYSTEMS  
17 MIN, 16MM FILM, OPT. SD, COL 1975  
PRODUCER USFHWA  
TITLE NO. 009708 SALE \$77.25

DOCUMENTS THE EXPERIMENTAL RECONSTRUCTION OF A 1-MILE SECTION OF INTERSTATE HIGHWAY IN NEVADA WHERE THE 4-INCH DETERIORATED ASPHALT PAVEMENT WAS RECYCLED. SHOWS HOW TO BREAK UP OLD PAVEMENT, HAUL TO CRUSHER, CRUSH, HEAT, AND MIX IN FLUE FILLED ROTATING DRYER, ADD ADDITIONAL ASPHALT AND SOFTENING AGENT, HAUL BACK TO ORIGINAL SITE, AND PLACE WITH CONVENTIONAL EQUIPMENT. DISCUSSES THE BENEFITS OF ENERGY CONSERVATION.

RECYCLING  
22 MIN, 16MM FILM, OPT. SD, COL 1971  
PRODUCER USOSWM SPONSOR USEPAP  
TITLE NO. 002180 RENTAL \$10.00 SALE \$100.00

SHOWS A VARIETY OF EFFORTS TO RECOVER AND REUSE MORE OF OUR OISCARDS. EXPLAINS HOW THIS APPROACH HAS THE DUAL BENEFIT OF CONSERVING OUR RESOURCES WHILE MINIMIZING THE EXPENSE AND DIFFICULTY OF SOLID WASTE DISPOSAL. ILLUSTRATES NEW TECHNIQUES THAT ARE BEING INVESTIGATED AND DEMONSTRATED UNDER PROVISIONS OF THE SOLID WASTE DISPOSAL ACT.

RESEARCH AND DEVELOPMENT PROGRESS REPORT  
NO. 9 - DELONG PIERS  
12 MIN, 16MM FILM, OPT. SD, COL 1967  
PRODUCER USA AGENCY NO. RDPR-009  
TITLE NO. 009973 SALE \$54.50

DISCUSSES THE CONSTRUCTION AND INSTALLATION OF DELONG PIERS TO RELIEVE THE LOGISTICAL PROBLEM IN VIETNAM.

THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

**RIGHT-OF-WAY FOR HIGHWAYS**

26 MIN, 16MM FILM, OPT. SD, COL 1961  
PRODUCER USFHWA  
TITLE NO. 649500 SALE \$118.00

SHOWS HOW A STATE HIGHWAY DEPARTMENT STUDIES, EVALUATES, AND SELECTS THE ROUTE FOR A NEW HIGHWAY. DESCRIBES THE VARIOUS STEPS IN THE APPRAISAL OF A PROPERTY NEEDED FOR RIGHT-OF-WAY AND THE NEGOTIATION FOR PURCHASE OF THE PROPERTY.

PRODUCED IN COOPERATION WITH THE STATES OF IOWA, MINNESOTA, MISSOURI, AND NEBRASKA.

**ROAD IN THE FOREST, A**

14 MIN, 16MM FILM, OPT. SD, COL 1974  
PRODUCER USDA  
TITLE NO. 009323 SALE \$99.50

DEALS WITH THE CHALLENGE OF BUILDING NEW ROADS THAT WILL HAVE THE LEAST ADVERSE IMPACT ON OUR ENVIRONMENT. STRESSES DESIGN CRITERIA WHICH WILL PROVIDE SERVICE, SAFETY, BEAUTY, ECONOMY, AND HARMONY WITH THE LANDSCAPE.

**SAFETY IN HIGHWAY SURVEYING**

25 MIN, 16MM FILM, OPT. SD, COL 1960  
PRODUCER USFHWA  
TITLE NO. 660810 SALE \$113.50

SHOWS THE HAZARDS AND APPROPRIATE PRECAUTIONS FOR A HIGHWAY SURVEY PARTY WORKING IN ROUGH COUNTRY, DENSE VEGETATION, TIMBERLAND, MOUNTAINOUS COUNTRY, AND ALONG THE HIGHWAY. EXPLAINS SAFE WORKING PRACTICES FOR VARIOUS HAND TOOLS AND EQUIPMENT.

**SAND DRAINS**

24 MIN, 16MM FILM, OPT. SD, COL 1965

**PRODUCER USFHWA**

TITLE NO. 663648 RENTAL \$12.50 SALE \$109.00

EXPLAINS THE SAND DRAIN METHOD OF CONSOLIDATING SWAMPY AREAS FOR THE CONSTRUCTION OF HIGHWAYS. USES ANIMATION AND SCENES OF AN ACTUAL PROJECT TO SHOW PREPARATION OF THE SITE, DRIVING THE SAND DRAINS, PLACING THE CONTROL DEVICES AND OVERLOAD, FINAL PREPARATION OF THE ROADWAY, AND PAVING.

**SANITARY LANDFILL - ONE PART EARTH TO FOUR PARTS REFUSE**

24 MIN, 16MM FILM, OPT. SD, COL 1969  
PRODUCER USEPA AGENCY NO. M-1740-X  
TITLE NO. 002188 SALE \$109.00

PRESENTS SPECIFIC DETAILS FOR THE DESIGN AND OPERATION OF SANITARY LANDFILLS. CONCERNS LANDFILLS WITH A CAPACITY OF AT LEAST 200 TONS PER DAY, BUT ALLOWS FOR APPLICATION OF INFORMATION TO SMALLER FACILITIES.

**SANITARY LANDFILL - YOU'RE THE OPERATOR**

22 MIN, 16MM FILM, OPT. SD, COL 1973  
PRODUCER USEPA  
TITLE NO. 000859 RENTAL \$10.00 SALE \$100.00

ILLUSTRATES THE CAREFUL PLANNING AND PRECISE TECHNIQUES NEEDED TO ACHIEVE MAXIMUM STANDARDS AND DEMONSTRATES THAT A SANITARY LANDFILL CAN BE A GOOD NEIGHBOR AND A COMMUNITY ASSET.

**SANITARY LANDFILL - YOU'RE THE OPERATOR (INSTRUCTOR'S PACKAGE)**

206 2 X 2 SLIDES, SILENT, COL 1973  
PRODUCER USEPA  
TITLE NO. 007501 SALE \$20.00

SHOWS PROFESSIONAL OPERATING TECHNIQUES AND PRACTICES, SUCH AS WORKSHOPS, CASE STUDIES, SESSIONS ON LOCAL REGULATIONS AND CONDITIONS, AND DISCUSSION PERIODS.

AN INSTRUCTOR'S PACKAGE WHICH INCLUDES THE SLIDES PLUS A COORDINATED SCRIPT AND A 203-PAGE MANUAL ENTITLED 'TRAINING SANITARY LANDFILL EMPLOYEES - INSTRUCTOR'S

MANUAL. PREVIOUSLY THIS WAS LISTED AS 'TRAINING  
SANITARY LANDFILL EMPLOYEES (INSTRUCTOR'S KIT).'

**SANITARY LANDFILL - YOU'RE THE OPERATOR  
(TRAINEE'S PACKAGE)**

10 2 X 2 SLIDES, SILENT, COL 1973  
PRODUCER USEPA  
TITLE NO. 007500 SALE \$10.00

DISCUSSES SAFETY, LETTER CONTROL, PUBLIC RELATIONS,  
EQUIPMENT CARE AND MAINTENANCE, SPOTTING VEHICLES,  
RECORD KEEPING, CELL CONSTRUCTION, COVER SOIL, AND  
HARD-TO-HANDLE AND HAZARDOUS WASTES.

A TRAINEE'S PACKAGE WHICH INCLUDES THE SLIDES PLUS A  
233-PAGE MANUAL ENTITLED 'TRAINING SANITARY LANDFILL  
EMPLOYEES - TRAINEE'S MANUAL.' PURCHASERS ARE AUTHOR-  
IZED TO DUPLICATE TRAINEE'S MANUAL AS NEEDED.

**SATTAHIP - TOMORROW'S THAILAND**

25 MIN, 16MM FILM, OPT. SD, COL 1970  
PRODUCER USN AGENCY NO. MN-10875  
TITLE NO. 005238 SALE \$113.50

SHOWS CONSTRUCTION EFFORTS OF U S NAVY CIVIL EN-  
GINEERS AND CONSTRUCTION CONTRACTORS IN BUILDING THE  
NEW SEAPORT OF SATTAHIP. SHOWS THE U-TAPAS OPERATIONAL  
AIRBASE ON THE SOUTHERN COAST OF THAILAND.

**SERRATED SLOPES FOR EROSION CONTROL**

14 MIN, 16MM FILM, OPT. SD, COL 1970  
PRODUCER USFHW  
TITLE NO. 678090 SALE \$63.50

DISCUSSES SLOPES THAT CAN BE PREPARED DURING HIGHWAY  
CONSTRUCTION TO REDUCE EROSION AND PROMOTE THE GROWTH  
OF PLANT LIFE.

**SHIP DESIGN FOR TOMORROW**

25 MIN, 16MM FILM, OPT. SD, COL 1959  
PRODUCER USN AGENCY NO. MN08610  
TITLE NO. 004916 SALE \$113.50

EXPLAINS THE PROFESSIONAL OPPORTUNITIES, CAREER  
ADVANTAGES, AND WORKING ENVIRONMENT IN THE U S NAVY'S  
BUREAU OF SHIPS.

**SHIPBOARD VIBRATIONS, PT 1, FUNDAMENTAL  
PRINCIPLES OF VIBRATING SYSTEMS**

22 MIN, 16MM FILM, OPT. SD, B&W 1953  
PRODUCER USN AGENCY NO. MN9180-A  
TITLE NO. 004912 SALE \$57.75

EXPLAINS BASIC CONCEPTS AND PRINCIPLES INCLUDING  
LONGITUDINAL AND TORSIONAL VIBRATIONS, FREE AND FORCED  
VIBRATIONS, THE TIME RELATIONSHIP BETWEEN THE FORCE  
CYCLE AND THE AMPLITUDE CYCLE, AND THE PHASE ANGLE  
DIAGRAM.

**SHIPBOARD VIBRATIONS, PT 2, MULTI-MASS  
SYSTEMS**

23 MIN, 16MM FILM, OPT. SD, B&W 1953  
PRODUCER USN AGENCY NO. MN-08180B  
TITLE NO. 004913 SALE \$60.50

EXPLAINS BASIC CONCEPTS, INCLUDING THOSE OF A UNIFORM  
SYSTEM, A LUMPED SYSTEM, MODES OF VIBRATION, RELATIVE  
AMPLITUDES, HARMONIC ANALYSIS, ORDERS OF VIBRATION,  
AND CRITICAL SPEEDS.

**SHIPBOARD VIBRATIONS, PT 3, VIBRATION,  
EXCITATION, AND RESPONSE**

15 MIN, 16MM FILM, OPT. SD, B&W 1953  
PRODUCER USN AGENCY NO. MN09180C  
TITLE NO. 003463 SALE \$39.50

SHOWS THROUGH MODELS, VIBRATION EXCITATION IN THE  
PROPULSION MACHINERY DUE TO IMBALANCE AND TO PROPELLER  
THRUST VARIATION, AND THE RESPONSE OF THE SHIP'S  
STRUCTURE TO THIS EXCITATION.

**SHIPBOARD VIBRATIONS, PT 4, SERVICE  
PROBLEMS AND FIELD INVESTIGATION**

13 MIN, 16MM FILM, OPT. SD, B&W 1953  
PRODUCER USN AGENCY NO. MN09180D

34

35

TITLE NO. 004914 SALE \$34.25

EXPLAINS HOW TO REPORT SHIPBOARD VIBRATION PROBLEMS, HOW THEY ARE DIAGNOSED AND REMEDIED BY VIBRATION ENGINEERS, AND HOW VIBRATION STUDY AS PREVENTIVE ENGINEERING CONTRIBUTES TO OVERALL SHIP DESIGN AND PERFORMANCE.

SKID CORRELATION STUDY  
14 MIN, 16MM FILM, OPT. SD, COL 1963  
PRODUCER USFHW  
TITLE NO. 689500 SALE \$63.50

COMPARES VARIOUS TECHNIQUES USED IN TESTING THE COEFFICIENTS OF FRICTION ON FIVE SPECIALLY CONSTRUCTED PAVEMENTS AT TAPPAHANNOCK, VA.

SLANTING  
9 MIN, 16MM FILM, OPT. SD, COL 1967  
PRODUCER USOCD SPONSOR USCDPA AGENCY NO. DDCP05-0259  
TITLE NO. 003485 SALE \$40.75

ILLUSTRATES THE 'SLANTING' TECHNIQUES BEING USED BY MANY ARCHITECTS TO INCORPORATE FALLOUT SHIELDING IN NEW BUILDINGS. ANIMATED.

CLEARED FOR TV.

OTHER FORMAT(S) OR VERSION(S)  
9 MIN, 8MM FILM, REEL, MAG. SD, COL 1967  
PRODUCER USOCD SPONSOR USCDPA AGENCY NO. DDCP05-0259  
TITLE NO. 005701 SALE \$20.00

SLOPING, SHORING, AND SHIELDING PRACTICES  
28 MIN, 2 X 2 SLIDES, AUDIOCASSETTE, COL 1976  
PRODUCER USOSHA AGENCY NO. OSHA-2228  
TITLE NO. 009863 SALE \$22.00

PRESENTS A 1-DAY, INSTRUCTIONAL PROGRAM CONSISTING OF A CLASSROOM SESSION AND A PRACTICAL 'HANDS-ON' WORKSHOP IN THE PROCEDURES AND TECHNIQUES OF CONSTRUCTION SHORING.

60 SLIDES, 1 AUDIOCASSETTE, 2-TRACK, MONO, WITH AUDIBLE AND INAUDIBLE ADVANCE SIGNALS. MANUAL INCLUDED.

CLEARED FOR NON-SPONSORED TV.

SPEAKING OF MODELS  
28 MIN, 16MM FILM, OPT. SD, COL 1965  
PRODUCER USAE  
TITLE NO. 003502 SALE \$127.00

SHOWS HOW HYDRAULIC MODEL STUDIES MADE BY THE U S ARMY ENGINEER CORPS AT THE WATERWAYS EXPERIMENT STATION, VICKSBURG, MS, AID IN PLANNING AND DESIGNING OF PROJECTS FOR FLOOD CONTROL, NAVIGATION, AND HYDRO-ELECTRIC POWER.

SPILL RECOVERY - NAVY TECHNIQUES FOR OIL  
SPILL CONTAINMENT AND REMOVAL IN HARBORS  
25 MIN, 16MM FILM, OPT. SD, COL 1975  
PRODUCER USN AGENCY NO. MN-11317B  
TITLE NO. 008568 SALE \$113.50

DESCRIBES IN-PORT OIL SPILLS CONTROL, REPORTING PROCEDURES, AND CLEANUP OPERATIONS.

SPUR DIKES  
14 MIN, 16MM FILM, OPT. SD, COL 1965  
PRODUCER USFHW  
TITLE NO. 708910 SALE \$63.50

DEALS WITH THE THEORY, LABORATORY RESEARCH, AND PRACTICAL APPLICATION OF SPUR DIKES TO CONTROL SCOUR AT BRIDGE ABUTMENTS IN FLOOD CONDITIONS.

ST MARY'S BRIDGE TEST  
9 MIN, 16MM FILM, OPT. SD, COL 1970  
PRODUCER USFHW  
TITLE NO. 002202 SALE \$40.75

DESCRIBES THE VIBRATION FREQUENCY AND LIVE LOAD TESTS CONDUCTED ON THE ST. MARY'S BRIDGE, ST. MARY'S, WV, WHICH IS A SISTER BRIDGE TO THE POINT

PLEASANT BRIDGE WHICH COLLAPSED IN DECEMBER 1967.

TECHNOLOGY FOR SPACECRAFT DESIGN, A  
12 MIN. 16MM FILM, OPT. SD, COL 1966  
PRODUCER USNAA AGENCY NO. HQ-131C  
TITLE NO. 002307 SALE \$54.50

SHOWS THE FEATURES THAT MUST BE INCORPORATED INTO A SPACECRAFT INTENDED FOR LONG DURATION MANNED SPACE FLIGHT AND THE TECHNOLOGY THAT IS BEING DEVELOPED TO SOLVE THE NUMEROUS PROBLEMS.

PREVIOUSLY THIS HAS BEEN LISTED AS 'LIVING IN SPACE, PT 3, A TECHNOLOGY FOR SPACECRAFT DESIGN.'

FROM THE LIVING IN SPACE SERIES.

TECHNOLOGY UTILIZATION  
30 MIN. 16MM FILM, OPT. SD, COL 1970  
PRODUCER USTID SPONSOR USNASA AGENCY NO. HQ-202  
TITLE NO. 736640 SALE \$136.25

DESCRIBES HOW PRIVATE FIRMS HAVE MADE PRACTICAL USE OF NASA DEVELOPED TECHNOLOGY, INCLUDING THE TECHNICAL INFORMATION RETRIEVAL SERVICES MADE AVAILABLE THROUGH NASA'S TECHNOLOGY UTILIZATION PROGRAM.

THIS HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

TERRADYNAMICS  
21 MIN. 16MM FILM, OPT. SD, COL 1968  
PRODUCER USAEC  
TITLE NO. 003649 SALE \$95.25

DISCUSSES THE EARTH PENETRATION PROGRAM AT SANDIA LABORATORIES, WHICH IS CONCERNED WITH DETERMINING THE NATURE AND COMPOSITION OF SUB-SURFACE SOIL USING EARTH-PENETRATING, BALLISTIC VEHICLES. SHOWS EARLY EXPERIMENTATION, THE EVOLUTION OF THE PROGRAM, THE DELIVERY TECHNIQUES AND DESIGN OF SEVERAL PENETRATION VEHICLES. PLUS A TYPICAL RECOVERY OPERATION AND POST-RECOVERY ANALYSIS.

THEY CLEAR THE WAY  
29 MIN. 16MM FILM, OPT. SD, COL 1967  
PRODUCER USA AGENCY NO. TV-0732  
TITLE NO. 004955 SALE \$131.75

DESCRIBES THE U S ARMY ENGINEERS, WHOSE JOB IT IS TO BUILD BRIDGES, AIRFIELDS, AND ROADS IN VIETNAM IN ORDER TO BRING MOBILITY TO COMBAT FORCES.

CLEARED FOR TV.

FROM THE BIG PICTURE SERIES.

TQ STEM THE BLACK TIDE  
14 MIN. 16MM FILM, OPT. SD, COL 1976  
PRODUCER USCG  
TITLE NO. 007914 SALE \$63.50

SHOWS THE COAST GUARD'S ROLE IN THE DETECTION, LOCATION, AND PREVENTION OF OIL SPILLS AND POLLUTION. COAST GUARD MARINE SAFETY AND PORT SAFETY PERSONNEL MAKE PERIODIC INSPECTIONS OF NATIONAL AND INTERNATIONAL VESSELS. FEATURES THE NEW TECHNOLOGY AND MAN-POWER EMPLOYED IN CONTAINING OIL SPILLS OR MINIMIZING CONTAMINATION. ALSO DEPICTS THE NEWLY TRAINED AND EQUIPPED OIL POLLUTION RESPONSE TEAMS.

TOWER TO THE SKY  
28 MIN. 16MM FILM, OPT. SD, COL 1966  
PRODUCER USCG  
TITLE NO. 754790 SALE \$127.00

TELLS THE STORY OF THE CONSTRUCTION OF A COAST GUARD LORAN STATION ON THE PRIMITIVE WESTERN PACIFIC ISLAND OF YAP AS TOLD BY AN ELDER OF THE ISLAND COMMUNITY. PORTRAYS THE INITIAL ANTAGONISM OF THE COMMUNITY REGARDING THE CONSTRUCTION OF THE STATION AND ITS CHANGE OF ATTITUDE BY THE TIME THE STATION WAS COMPLETED.

CLEARED FOR TV.

U S NAVAL CIVIL ENGINEERING LABORATORY

17 MIN. 16MM FILM, OPT. SD, COL

1959

PRODUCER USN

AGENCY NO. MN-08800

TITLE NO. 004985

SALE \$77.25

DISCUSSES THE OPERATION AND FUNCTIONS OF THE U S NAVAL CIVIL ENGINEERING LABORATORY AT PORT HUENEME, CA.

WHAT'S NEW AT WES

16 MIN. 16MM FILM, OPT. SD, COL

1971

PRODUCER USAE

TITLE NO. 005039

SALE INQUIRE

SHOWS HOW NEW TOOLS, TECHNIQUES, AND AUTOMATIC DATA PROCESSING HELP TO OVERCOME SOME OF THE ENGINEERING PROBLEMS ENCOUNTERED AT THE WATERWAYS EXPERIMENT STATION.

UNDER WAY

20 MIN. 16MM FILM, OPT. SD, COL

1960

PRODUCER USAEC SPONSOR USERDA

TITLE NO. 003816

RENTAL \$10.00 SALE \$90.75

TRACES THE DESIGN AND CONSTRUCTION OF THE FIRST U S NUCLEAR-POWERED MERCHANT SHIP, THE NS SAVANNAH. DESCRIBES THE SAFETY FEATURES OF THE SHIP AND THE CHRISTENING AND LAUNCHING.

WHAT'S NEW IN SOLID WASTE MANAGEMENT?

36 MIN. 16MM FILM, OPT. SD, COL

1970

PRODUCER USOSWM SPONSOR USEPA

TITLE NO. 002226

RENTAL \$15.00

SALE \$163.50

SHOWS A VARIETY OF NEW AND IMPROVED SOLID WASTE MANAGEMENT TECHNIQUES. FEATURES SPECIALLY DEVELOPED EQUIPMENT IN ACTUAL OPERATION. THE PROJECTS ARE PART OF THE DEMONSTRATIONS AND INVESTIGATIONS CONDUCTED UNDER PROVISIONS FOR THE SOLID WASTE DISPOSAL ACT. PROVIDES COSTS, CAPACITIES, AND OTHER DATA TO ASSIST PUBLIC WORKS DIRECTORS AND OTHER OFFICIALS WHO MUST EVALUATE ALTERNATIVE SYSTEMS AND EQUIPMENT.

THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

VALUE ENGINEERING - MORE SHIPS FOR LESS MONEY

13 MIN. 16MM FILM, OPT. SD, COL

1957

PRODUCER USN

AGENCY NO. MN8488

TITLE NO. 779340

SALE \$59.00

SHOWS HOW THE U S NAVY VALUE ENGINEERING PROGRAM WORKS AND EXPLAINS ITS KEY TECHNIQUES. GET THE FACTS, KNOW THE COSTS, DETERMINE THE FUNCTION, DO CREATIVE THINKING, AND EVALUATE BY COMPARISON. EXAMPLES ARE GIVEN OF RESULTS OF VALUE ENGINEERING.

WHEN THE CIRCUIT BREAKS - AMERICA'S ENERGY CRISIS

28 MIN. 16MM FILM, OPT. SD, COL

1975

PRODUCER USFEA

TITLE NO. 009469

SALE \$125.00

SHOWS HOW AMERICA'S ENERGY CRISIS HAPPENED AND WHAT POSSIBILITIES THE FUTURE HOLDS. EXAMINES SOME SOLUTIONS AVAILABLE THROUGH THE DEVELOPMENT OF COAL, OIL, AND NATURAL GAS RESOURCES. LOOKS AT NUCLEAR, GEOTHERMAL, AND SOLAR ENERGY SOURCES WHICH COULD BE DEVELOPED. STRESSES THE IMPORTANCE OF CONSERVING ENERGY AT HOME, IN TRANSPORTATION, IN BUSINESS, AND IN INDUSTRY.

WES STORY, THE

14 MIN. 16MM FILM, OPT. SD, COL

1969

PRODUCER USAE

TITLE NO. 006622

SALE \$103.75

SHOWS HOW THE WATERWAYS EXPERIMENT STATION IN MISSISSIPPI GREW FROM A SMALL HYDRAULIC LABORATORY TO BECOME THE PRINCIPAL AND MOST DIVERSE RESEARCH, TESTING, AND DEVELOPMENT CENTER FOR THE CORPS OF ENGINEERS IN THE FIELDS OF CIVIL ENGINEERING.

CLEARED FOR TV.

WHEN THE CIRCUIT BREAKS - AMERICA'S ENERGY CRISIS (SPANISH)

28 MIN. 16MM FILM. OPT. SD. COL 1975  
PRODUCER USFEA  
TITLE NO. 007890 SALE \$125.00

SHOWS HOW AMERICA'S ENERGY CRISIS HAPPENED AND WHAT  
POSSIBILITIES THE FUTURE HOLDS. EXAMINES SOME SOLU-  
TIONS AVAILABLE THROUGH DEVELOPMENT OF COAL, OIL, AND  
NATURAL GAS RESOURCES. LOOKS AT NUCLEAR, GEOTHERMAL,  
AND SOLAR ENERGY SOURCES WHICH COULD BE DEVELOPED.  
STRESSES THE IMPORTANCE OF CONSERVING ENERGY AT HOME,  
IN TRANSPORTATION, AND IN BUSINESS AND INDUSTRY.

CLEARED FOR TV.

WITHIN OUR REACH 1976  
17 MIN. 16MM FILM. OPT. SD. COL  
PRODUCER USEPAP  
TITLE NO. 007849 SALE \$77.25

SHOWS WHAT STEPS ARE NECESSARY TO RECEIVE GRANT FUNDS  
AND DETAILS WHAT INDIVIDUALS CAN DO TO ENSURE CLEANER  
WATER. DOCUMENTS THE ACTIONS OF THE CITY OFFICIALS  
AND CITIZENS OF PARSIPPANY-TROY HILLS, NJ. TO CLEAN UP  
ITS WASTEWATER.

WOOD CHIP MULCH FOR EROSION CONTROL 1972  
13 MIN. 16MM FILM. OPT. SD. COL  
PRODUCER USFHWA  
TITLE NO. 002233 SALE \$59.00

DEMONSTRATES HOW WOOD CHIP MULCH USED ON PREPARED  
SLOPES PROVIDES A SOLUTION TO EROSION DURING AND AFTER  
HIGHWAY CONSTRUCTION. IN THIS WAY AIR AND WATER  
POLLUTION CAN BE CONTROLLED AND A NATURAL RESOURCE PUT  
TO USE INSTEAD OF BEING WASTED OR BURNED.

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