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AD-740 925

CIVIL DEFENSE SYSTEMS:

SOCIAL IMPACT AND MANAGEMENT PLANNING

A DDC BIBLIOGRAPHY

DDC-TAS-72-11-I

APRIL 1972

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This bibliography -- one in a series on Civil Defense Systems -- contains a compilation of references on Social Impact and Management Planning. References contained in this volume pertain to psychological factors related to recovery from nuclear attack; public response to community shelter planning; fallout shelter management responsibilities; emergency operations training; attitudes toward civil defense; requirements for local planning to cover hazards of fallout; food processing and distribution; and the roles of the dentist and pharmacists in national disasters. Entries were processed into the Defense Documentation Center's data bank during the period of January 1953 through January 1972.

Other bibliographies in this series are: Preattack and Postattack (Nuclear Warfare), and Shelters.

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Acceptability						
Social Psychology						
Fallout Shelters						

UNCLASSIFIED

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CIVIL DEFENSE SYSTEMS:

SOCIAL IMPACT AND MANAGEMENT PLANNING

A DDC BIBLIOGRAPHY

DDC-TAS-72-11-I

August 1960 - August 1971

APRIL 1972

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CAMERON STATION
ALEXANDRIA, VIRGINIA 22314

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F O R E W O R D

This bibliography is a compilation of references on *Civil Defense Systems: Social Impact and Management Planning* in a series of bibliographies on Civil Defense Systems. Entries were processed into the Defense Documentation Center's data bank during the period of January 1953 through January 1972. It revises and replaces an earlier bibliography, AD-705 500.

Corporate Author-Monitoring Agency, Subject, Title, Contract, and Report Number Indexes are included.

BY ORDER OF THE DIRECTOR, DEFENSE SUPPLY AGENCY

OFFICIAL

ROBERT B. STEGMAIER, JR.
Administrator
Defense Documentation Center

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DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-244 984
LIBRARY OF CONGRESS WASHINGTON D C AEROSPACE TECHNOLOGY DIV

CBR WARFARE RESEARCH AND CIVIL DEFENSE OF THE USSR AND COMMUNIST CHINA. A BIBLIOGRAPHY (U)

AUG 60 1V
MONITOR: AID 60-25

UNCLASSIFIED REPORT

DESCRIPTORS: ARMED FORCES RESEARCH, BIBLIOGRAPHIES, BIOLOGICAL WARFARE, CHEMICAL WARFARE, CIVIL DEFENSE SYSTEMS, MILITARY RESEARCH, RADIOLOGICAL WARFARE (U)
IDENTIFIERS: CHINA, USSR (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-271 444
RESEARCH ANALYSIS CORP MCLEAN VA

CIVIL AFFAIRS: THE FUTURE PROSPECTS OF A MILITARY RESPONSIBILITY (U)

IV KING,JAMES E. JR.;

UNCLASSIFIED REPORT

DESCRIPTORS: *CIVIL DEFENSE SYSTEMS, *MILITARY GOVERNMENT, *OPERATIONS RESEARCH, FOREIGN POLICY (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-287 060
RAND CORP SANTA MONICA CALIF

THE RESOLUTION OF THE SOVIET CONTROVERSY OVER CIVIL DEFENSE (U)

IV GOURE,LEON;

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, PROPAGANDA), USSR, FOREIGN POLICY (U)
IDENTIFIERS: USSR (U)

SOME RECENT DEVELOPMENTS IN THE SOVIET CIVIL DEFENSE PROGRAM ARE DESCRIBED. DIFFERENCES BETWEEN FOREIGN AND DOMESTIC SOVIET PROPAGANDA ON CIVIL DEFENSE ARE LISTED, AND A DEBATE AMONG THE SOVIET LEADERS ON THE VALUE OF CIVIL DEFENSE IS DESCRIBED -- A DEBATE THAT WAS RESOLVED AT THE MAY 1962 CONGRESS OF DOSAAF (THE CIVIL VOLUNTEER ORGANIZATION). RECENT VIGOROUS ENDORSEMENT OF DOSAAF BY PARTY AND PRESS MAY BE ONE INDICATION OF IMPENDING CHANGES IN SOVIET DOMESTIC AND FOREIGN POLICIES. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-401 226
HUDSON INST INC HARMON-ON-HUDSON N Y

STRATEGIC AND TACTICAL ASPECTS OF CIVIL DEFENSE WITH SPECIAL EMPHASIS ON CRISIS SITUATIONS (U)

JAN 63 IV BROWN,WILLIAM M.;

UNCLASSIFIED REPORT

DESCRIPTORS: *CIVIL DEFENSE SYSTEMS, COMMAND + CONTROL SYSTEMS, FOOD, MEDICAL PERSONNEL, MEDICAL SUPPLIES, SHELTERS, STRATEGIC WARFARE (U)

STRATEGIC AND TACTICAL ASPECTS OF CIVIL DEFENSE WITH SPECIAL EMPHASIS ON CRISIS SITUATIONS.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-402 098
HUMAN SCIENCES RESEARCH INC MCLEAN VA

AN APPROACH TO THE STUDY OF SOCIAL AND PSYCHOLOGICAL EFFECTS OF NUCLEAR ATTACK (U)

MAR 63 1V NORDLIE,PETER G.;
REPT. NO. RR 63 3 RR

UNCLASSIFIED REPORT

DESCRIPTORS: *CIVIL DEFENSE SYSTEMS, BEHAVIOR, CULTURE, DISASTERS, NUCLEAR WARFARE, PSYCHOLOGY, REACTION (PSYCHOLOGY), SOCIOLOGY, STRESS (PSYCHOLOGY), SURVIVAL (U)

SOCIAL AND PSYCHOLOGICAL EFFECTS OF NUCLEAR ATTACK.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-403 670
APPLIED PSYCHOLOGICAL SERVICES WAYNE PA

A CORE TRAINING PROGRAM FOR STATE LEVEL CIVIL DEFENSE PROGRAM PERSONNEL (APPENDICES). (U)

APR 63 293P FLETCHER,DOROTHY E.; MACPHERSON,DOUGLAS H.;SIEGEL,ARTHUR I.;

UNCLASSIFIED REPORT

DESCRIPTORS: *CIVIL DEFENSE SYSTEMS, TRAINING, SCHEDULING, CONTROL, INSTRUCTION MANUALS, COMMAND AND CONTROL SYSTEMS, CLASSIFICATION, JOB ANALYSIS. (U)

APPENDICES TO A CORE TRAINING PROGRAM FOR STATE LEVEL CIVIL DEFENSE PROGRAM PERSONNEL.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-403 759
APPLIED PSYCHOLOGICAL SERVICES WAYNE PA

A CORE TRAINING PROGRAM FOR STATE LEVEL CIVIL DEFENSE PROGRAM PERSONNEL. (U)

APR 63 209P FLETCHER,DOROTHY E.; MACPHERSON,DOUGLAS H.;SIEGEL,AND ARTHUR I.;
CONTRACT: OCD OS62 121

UNCLASSIFIED REPORT

DESCRIPTORS: *CIVIL DEFENSE SYSTEMS, *TRAIN ING, CLASSIFICATION, COMMAND AND CONTROL SYS TEMS, DECISION MAKING, SCHEDULING, CONTROL, INSTRUCTION MANUALS, JOB ANALYSIS. (U)

THE PURPOSE OF THIS STUDY WAS TO DERIVE INFORMA TION REQUIR IMPROVING STATE LEVEL CIVIL DEFENSE TRAINING AND TO APPLY THIS INFORMATION TO THE DEVELOPMENT OF REQUIRED COURSES FOR ACHIEVING THIS PURPOSE. IN ORDER TO ACHIEVE THIS GOAL, RESEARCH WAS FIRST CONDUCTED TO DETERMINE THE TRAINING REQUIREMENTS FOR THE GOVERNMENTAL AND AUXILIARY PERSONNEL THAT ARE NEEDED TO IMPLE MENT STATE CIVIL DEFENSE OPERATIONAL PLANS. SECOND, TRAINING MATERIALS WERE DEVELOPED TO MEET THESE REQUIREMENTS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-406 442
RAND CORP SANTA MONICA CALIF

RECENT DEVELOPMENTS IN THE SOVIET CIVIL DEFENSE PROGRAM, (U)

JUN 63 26P GOURE,LEON ;
REPT. NO. P2752

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: PRESENTED TO SUBCOMMITTEE NO. 3 OF THE ARMED SERVICES COMMITTEE OF THE HOUSE OF REPRESENTATIVES, WASHINGTON, D. C., JUNE 17, 1963.

DESCRIPTORS: *CIVIL DEFENSE SYSTEMS, TRAINING, SHELTERS, MILITARY STRATEGY, FOREIGN POLICY, MILITARY ORGANIZATIONS, WARFARE, ANALYSIS. (U)
IDENTIFIERS: USSR. (U)

THE SOVIET CIVIL DEFENSE PROGRAM IS FAR FROM COMPLETE AND SUFFERS FROM A VARIETY OF SHORT COMINGS. APART FROM THE NOTORIOUS INEFFICIENCY OF SOVIET ADMINISTRATION, THERE IS THE RELATIVELY SHORT TIME THAT MANY PERSONS WILL BE ABLE TO REMAIN IN SHELTERS, BECAUSE OF LIMITED FOOD SUPPLIES. GREAT CROWDING AND ABSENCE OF COOLING EQUIPMENT WILL FORCE LARGE NUMBERS OF THEM TO EVACUATE THEIR SHELTERS VIA CONTAMINATED AREAS WHILE THE RADIATION LEVEL MAY STILL BE FAIRLY HIGH. THE SOVIETS RECOGNIZE THAT THE EFFECTIVENESS OF CIVIL DEFENSE, SURVIVING THE ATTACK, AND WINNING THE WAR WILL DEPEND TO A GREAT EXTENT ON THEIR ABILITY TO BLUNT OR WEAKEN THE ENEMY'S ATTACK. THIS IS WHY SOVIET DOCTRINE ALSO EMPHASIZES PRE-EMPTIVE ATTACKS AS WELL AS THE IMPORTANCE OF ANTI-AIRCRAFT AND ANTI-MISSILE D. DESPITE THE PRESENT INADEQUACIES OF SOVIET CIVIL DEFENSE AND THE GROWING DESTRUCTIVENESS OF MODERN WEAPONS, THE SOVIET LEADERSHIP BELIEVES THAT THE PRESERVATION OF THE SOVIET STATE AND SOCIETY IN THE EVENT OF A WAR MERITS CONSIDERABLE EFFORTS AND THE EXPENDITURE OF RELATIVELY SCARCE MONEY AND RESOURCES. IN THE AUTHOR'S OPINION, THE AVAILABLE EVIDENCE LEAVES NO DOUBT THAT THE SOVIET UNION IS ENGAGED IN AN EXTENSIVE CIVIL DEFENSE PROGRAM AND THAT IT BELIEVES IT TO BE WORTH FURTHER EFFORTS AND CONTINUED INVESTMENTS. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-408 967
DUNLAP AND ASSOCIATES INC DARIEN CONN

TESTING CIVIL DEFENSE PLANS AND OPERATIONS AT THE FEDERAL, STATE AND LOCAL LEVELS. (U)

DESCRIPTIVE NOTE: FINAL REPT.
MAY 63 121P
CONTRACT: OCD OS62 60

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, TESTS), (*RADIOACTIVE FALLOUT, RADIATION MONITORS), RADIOLOGICAL CONTAMINATION, RADIATION MEASUREMENT SYSTEMS, DAMAGE, ANALYSIS, TEST METHODS, SHELTERS, RADIOLOGICAL DOSAGE, ERRORS, NUCLEAR WARFARE, NUCLEAR EXPLOSIONS, FOOD, WATER SUPPLIES, SANITARY ENGINEERING, VENTILATION, COMMUNICATION SYSTEMS. (U)
IDENTIFIERS: 1963, DAMAGE ASSESSMENT, MUSTERING. (U)

THE FINAL REPORT FOR CONTRACT NO. OCD-OS-62-60 IS ORGANIZED INTO THREE CHAPTERS. CHAPTER I IS DEVOTED TO A BRIEF DISCUSSION OF THE OVER-ALL PROBLEM STUDIED DURING THIS CONTRACT. CHAPTER II PRESENTS DESCRIPTIONS OF THE THREE TESTS DEVELOPED DURING THE STUDY, I.E., A MUSTERING PLAN TEST, A DAMAGE ASSESSMENT TEST, AND A RADIATION ANALYSIS TEST. THE FINAL CHAPTER PRESENTS THE FORMULATION OF A SYSTEM ANALYSIS OF THE CIVIL DEFENSE ORGANIZATION DESIGNED TO IDENTIFY AND QUANTIFY THOSE FUNCTIONS WITH WHICH CIVIL DEFENSE SHOULD BE CONCERNED, AND THUS TO PROVIDE A BETTER BASIS FOR TESTING OF PLANS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-409 938
RAND CORP SANTA MONICA CALIF

CIVIL DEFENSE REVISITED. (U)

JUN 63 9P WILLIAMS,J.D.;
REPT. NO. P2751

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, ANALYSIS). (U)
IDENTIFIERS: 1963. (U)

DISCUSSION ON CIVIL DEFENSE AND COMMENTS ON ITS PROGRAMS.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-410 515
AMERICAN INSTITUTES FOR RESEARCH PITTSBURGH PA

REQUIREMENTS AND METHODS FOR IMPROVING LOCAL CIVIL DEFENSE TRAINING. (U)

JUL 63 55P WILLIS,M.PAUL ;MARKOWITZ, EILEEN M.;NAGIN,EDYTHE F.;
REPT. NO. AIR C92 6 63TR

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, TRAINING), (*TRAINING, CIVIL DEFENSE SYSTEMS), COSTS, ANALYSIS, PERSONNEL, JOB ANALYSIS, RADIOACTIVE FALLOUT, MONITORS. (U)
IDENTIFIERS: JOB HIERARCHY, 1963. (U)

REQUIREMENTS AND METHODS FOR IMPROVING OCAL CIVIL DEFENSE TRAINING.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-425 618
OFFICE OF CIVIL DEFENSE WASHINGTON D C

SUMMARY OF STUDIES OF PUBLIC ATTITUDES TOWARD AND INFORMATION ABOUT CIVIL DEFENSE. (U)

AUG 63 33P GARRETT,RALPH L. I
REPT. NO. RR8
MONITOR: OCD RR8

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*ATTITUDES, CIVIL DEFENSE SYSTEMS), (*PUBLIC OPINION, CIVIL DEFENSE SYSTEMS), ANALYSIS, SHELTERS, FEASIBILITY STUDIES, RADIATION HAZARDS (U)
IDENTIFIERS: 1963, PUBLIC SUPPORT, PUBLIC ATTITUDES, OBJECTIVES (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO: /ZMML7

AD-426 430
AMERICAN MUNICIPAL ASSOCIATION WASHINGTON D C

ORGANIZING MUNICIPAL GOVERNMENTS FOR CIVIL DEFENSE. (U)

OCT 63 110SP BULLIS,ANDREW S. WILLIAMS, LAWRENCE A. I
CONTRACT: OCD0562 293

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, GOVERNMENT PROCUREMENT), (*URBAN AREAS, CIVIL DEFENSE SYSTEMS), OPERATION, SOCIAL SCIENCE, SHELTERS, POPULATION, SURVIVAL, SOCIAL COMMUNICATION, URBAN AREAS (U)
IDENTIFIERS: COMMUNITY ORGANIZATION, 1963 (U)

THE STUDY DESCRIBES THE CIVIL DEFENSE RESPONSIBILITIES OF MUNICIPAL GOVERNMENT AS DEFINED BY PRESENT FEDERAL PROGRAMS AND POLICIES, ESPECIALLY AS THEY RELATE TO THE FALLOUT SHELTER PROGRAM. SIX CITIES ARE THEN ANALYZED TO DETERMINE THE MANNER IN WHICH COMMUNITY RESOURCES HAVE BEEN ORGANIZED TO MEET THESE RESPONSIBILI TIES. THE CITIES WERE SELECTED TO REPRESENT THE SEVERAL COMMON FORMS OF CITY GOVERNMENT AND TO PROVIDE A WIDE GEOGRAPHIC DISTRIBUTION AND SPECTRUM OF POPULATION SIZES FROM THE VERY SMALL CITY TO THE LARGE METROPOLITAN CITY. EACH CASE STUDY PROVIDES A PROFILE OF THE CITY TO ESTABLISH ITS ESSENTIAL CHARACTERISTICS AND IDENTIFY ANY EXCEPTIONAL CIRCUMSTANCES THAT MAY BE PECULIAR TO THE CITY AND AFFECT ITS CIVIL DEFENSE CAPABILITIES. THE PREPARATIONS MADE BY THE CITY FOR GOVERNMENT OPERATIONS IN THE EVENT OF NUCLEAR OR NATURAL DISASTER ARE INVESTIGATED, INCLUDING CONTINUITY OF GOVERNMENT, EMERGENCY POWERS, AND THE CIVIL DEFENSE AGENCY, ITS FINANCING, PROGRAM, AND FACILITIES FOR EMERGENCY OPERATIONS. THE EMERGENCY OPERATIONS OR SURVIVAL PLANS OF EACH CITY ARE RELATED TO THE ASSIGNMENT OF ITS REGULAR DEPARTMENTS AND AGENCIES TO EMERGENCY DISASTER FUNCTIONS. THE UTILIZATION MADE OF VOLUNTEERS AND NON-GOVERNMENTAL AGENCIES, ORGANIZATIONS, AND INSTITUTIONS TO AUGMENT AND SUPPLEMENT CITY FORCES IS DESCRIBED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-426 925
PLANNING RESEARCH CORP LOS ANGELES CALIF

CIVIL DEFENSE IMPLICATIONS OF CURRENT AND FUTURE URBAN CONFIGURATIONS, (U)

DEC 63 343P WOLTMAN,H.R.;GOODROW,E.C.;
REPT. NO. R409
CONTRACT: OCD 0562 278

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, URBAN AREAS), POPULATION, GROWTH, VULNERABILITY, DENSITY, BUILDINGS. (U)
IDENTIFIERS: 1963, LIVING PATTERN. (U)

THIS REPORT EXAMINES THE POSSIBILITIES OF VULNERABILITY REDUCTION THROUGH LONG-TERM CHANGES IN URBAN FORM AND STRUCTURE, IN THE LIGHT OF PROJECTED TRENDS IN ECONOMIC AND SOCIAL FORCES AFFECTING FUTURE URBAN DEVELOPMENT. URBAN DECEN TRALIZATION IS LIKELY TO CONTINUE IN THE FUTURE, AND TECHNOLOGICAL CHANGE MAY PERMIT DELIBERA72ACCELERATION OF THIS TREND TOWARD SPRAWLING URBAN REGIONS. VARIOUS CONCEPTUAL AND EMPIRICAL URBAN FORMS ARE REDUCIBLE TO A FEW BASIC TYPES. THE VULNERABILITY CHARACTERISTICS OF THE DIFFERENT FORMS ARE MIXED, BUT THE GALAXY AND DISPERSED SHEET FORMS ARE GENERALLY BEST SUITED TO CIVIL DEFENSE PURPOSES. THESE ARE SIMILAR TO THE FORMS THAT FUTURE URBAN REGIONS ARE EXPECTED TO TAKE. A VARIANT OF THE DISPERSED SHEET FORM IS CON SIDERED THE MOST ADVANTAGEOUS; IT WOULD PROVIDE COMPACT URBAN COMMUNITIES, SEPARATED BY EXTENSIVE OPEN SPACES DEVOTED TO NONURBAN LAND USES, WITHIN FUTURE METROPOLITAN AREAS. IN ADDITION, EFFORTS TO INCREASE THE 'HARDNESS' OF URBAN STRUCTURES ARE DESIRABLE. AN INCREASED PROPORTION OF HIGH HARDNESS STRUCTURAL TYPES SHOULD BE ENCOURAGED IN THE BUILDING MIX. THIS INCREASE SHOULD TAKE THE FORM MAINLY OF HIGH-HARDNESS RESIDENTIAL STRUCTURES DISPERSED SINGLY OR IN CLUSTERS THROUGHOUT RESIDENTIAL AREAS. INDIRECT METHODS ARE CONSIDERED BY WHICH PROGRESS TOWARD THESE OBJECTIVES MIGHT BE ASSISTED THROUGH VARIOUS ON GOING FEDERAL AND STATE GOVERNMENTAL ACTIVITIES. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-431 735
RESEARCH TRIANGLE INST DURHAM N C

ANALYSIS OF SURVEY DATA. (U)

DESCRIPTIVE NOTE: FINAL REPT., PT. 2,
FEB 64 55;P HILL,E. L. ;GRUGAN,W. K. ;
LYDAY,R. D. ;NORMENT,H. G. ;
REPT. NO. R OUBIPT. 2
CONTRACT: OCD OS62 144

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*COMPUTERS, PROGRAMMING (COMPUTERS)), (*CIVIL DEFENSE SYSTEMS, STRUCTURAL PARTS), INPUT-OUTPUT DEVICES, SHELTERS, TABLES, BUILDINGS, CONSTRUCTION, ERRORS, SHIELDING, FLOORS, ROOFS, RADIATION HAZARDS, WATER, STRUCTURES, DOSAGE (U)
IDENTIFIERS: 1964 (U)

THESE APPENDICES CONTAIN DETAILS OF COMPUTER PROGRAMS USED IN CATEGORIZATION OF STRUCTURES WITH RESPECT TO TECHNICAL SHIELDING CHARACTERISTICS AND RESULTANT TABULATIONS (A-E); DETAILS OF THE RTI 33 NFSS PHASE 1 BUILDING SAMPLE SELECTION METHOD (F); AN ILLUSTRATION OF PROCEDURES USED IN IDENTIFYING BUILDING ELEMENTS CRITICAL TO PF COMPUTATIONS (G); RTI COMPUTATIONAL METHOD AND FORMS USED IN MAKING ENGINEERING MANUAL PF CALCULATIONS FOR THE 33 SAMPLE BUILDINGS (H); DESCRIPTIONS OF THE 33 BUILDINGS, THE FIVE PF RESULTS (AE PHASE 1 AND 2, RTI FOSDIC WITH AND WITHOUT PARTITIONS, AND ENGINEERING MANUAL), AND ANALYSES OF INDIVIDUAL BUILDING INPUT AND PROCEDURAL DIFFERENCES JUDGED TO HAVE AFFECTED THE PF DIFFERENCES (I); CONSTRUCTION DETAILS OF FOUR BUILDINGS USED IN COMPARING EXPERIMENTAL AND CALCULATED PF'S (J); TRAPPED POTABLE WATER FIELD DATA GATHERED IN THE 33 BUILDING SURVEY (K); DETAILED ANALYSES OF TECHNICAL OPERATIONS RESEARCH REPORTS THAT AFFECT TEH PROCEDURES USED TO CALCULATE PF'S (L-N); A SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS MADE BY TECHNICAL OPERATIONS RESEARCH AND CONCURRED WITH BY RTI (O); AND DETAILED RECOMMENDED MODIFICATIONS TO THE NBS-NFSS COMPUTER PROGRAM (P). (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-439 612
CORNELL UNIV ITHACA N Y

THE USE OF VOLUNTARY ORGANIZATIONS IN CIVILIAN DEFENSE AND PREPAREDNESS. (U)

MAR 64 285P DEAN,LOIS R. ;
CONTRACT: OCD OS62 72

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, PREPARATION), (*GROUP DYNAMICS, CIVIL DEFENSE SYSTEMS), BEHAVIOR, LEADERSHIP, SOCIAL COMMUNICATION, COSTS, ATTITUDES, SHELTERS, URBAN AREAS, SOCIAL SCIENCES, ECONOMICS, PUBLIC OPINION (U)
IDENTIFIERS: VOLUNTEERS, VOLUNTARY ORGANIZATIONS (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-450 228
STANFORD RESEARCH INST MENLO PARK CALIF

ANALYSIS OF POSTATTACK FOOD PROCESSING AND DISTRIBUTION. (U)

DESCRIPTIVE NOTE: PROGRESS REPT.,
JUN 64 120P BILLHEIMER,JOHN W. DIXON, HARVEY L. ;
CONTRACT: OCD OS62 135
PROJ: SRI IMU4021

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*FOOD DISPENSING, NUCLEAR WARFARE), RADIOACTIVE FALLOUT, FOOD, CONTAMINATION, STORAGE, PROCESSING, DISTRIBUTION, MILK, WHEAT, CIVIL DEFENSE SYSTEMS, FOOD POISONING, ANALYSIS (U)

THIS REPORT DESCRIBES THE INITIAL PHASES OF A STUDY DESIGNED TO MODEL THE EFFECTS OF THE FOOD PROCESSING AND DISTRIBUTION SYSTEM OF THE UNITED STATES ON THE POSTATTACK FLOW OF CONTAMINATED FOODSTUFFS. A MODELING METHOD IS PROPOSED THAT EMPLOYS UTILIZATION CHARTS, SEASONAL SUPPLY GRAPHS, AND VARIOUS PRODUCTION CONSUMPTION TIME LAGS TO PROVIDE A QUANTITATIVE DESCRIPTION OF COMMODITY FLOW PATTERNS. THESE QUANTITATIVE INDICES ARE ASSIGNED POSTATTACK VALUES THROUGH THE USE OF DAMAGE ASSESSMENT PROCEDURES DESIGNED TO FIT EXISTING FOOD INVENTORY DATA. THE TECHNIQUES PROPOSED IN THIS REPORT ARE USED TO DESCRIBE THE PROBABLE PROCESSING AND DISTRIBUTION PATTERNS FOLLOWED BY MILK AND WHEAT PRODUCTS AFTER A MIXED COUNTERFORCE AND CITY ATTACK BASED ON A HIGH THREAT LEVEL. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPH SEARCH CONTROL NO. /ZMML7

AD-451 013
IOWA AGRICULTURAL AND HOME ECONOMICS EXPERIMENT STATION
AMES

COMMUNITY POWER STRUCTURE AND CIVIL DEFENSE. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
64 254P BOHLEN,JOE M. ;BEAL,GEORGE
M. ;KLONGLAN,GERALD E.;TAIT,JOHN L. ;
REPT. NO. SR35
CONTRACT: OCD 0562 160
PROJ: IAHES1529
TASK: 4811D

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, SOCIOLOGY), (*CIVIL PERSONNEL, DECISION MAKING), LEADERSHIP, SOCIAL SCIENCES, PUBLIC RELATIONS, SOCIAL COMMUNICATION, EFFECTIVENESS, PERFORMANCE (ENGINEERING), SHELTERS, RADIOACTIVE FALL, URBAN AREAS, RURAL AREAS (U)
IDENTIFIERS: 1964 (U)

THIS REPORT IS CONCERNED WITH THE DISTRIBUTION OF SOCIAL POWER AND ITS POSSIBLE EFFECTS UPON THE IMPLEMENTATION OF CIVIL DEFENSE PROGRAMS. THE GENERAL OBJECTIVES OF THIS REPORT ARE (1) TO DEFINE CONCEPTS WHICH ARE RELEVANT TO UNDERSTANDING THE COMMUNITY DECISION-MAKING PROCESS, (2) TO PRESENT AN ANALYTICAL MODEL OR FRAMEWORK WHICH A LOCAL CIVIL DEFENSE DIRECTOR COULD USE IN ANALYZING SOCIAL POWER, (3) TO OPERATIONALIZE THE FRAMEWORK IN ONE COMMUNITY, AND (4) TO DETERMINE THE CIVIL DEFENSE KNOWLEDGE, SENTIMENTS, SOURCES OF INFORMATION AND ACTIONS OF COMMUNITY INFLUENTIALS. THE SPECIFIC OBJECTIVES ARE (1) TO DELINEATE THE PERSONS PERCEIVED TO BE COMMUNITY INFLUENTIALS AND WHO AFFECT THE DECISION-MAKING PROCESSES OF THE COMMUNITY, (2) TO DETERMINE THE PERSONAL AND SOCIAL CHARACTERISTICS OF THE COMMUNITY INFLUENTIALS, (3) TO DETERMINE THE EXTENT TO WHICH THERE IS A STRUCTURE IN THE INTERPERSONAL RELATIONSHIPS AMONG COMMUNITY INFLUENTIALS, (4) TO DETERMINE THE EXTENT TO WHICH THE COMMUNITY INFLUENTIALS ARE PERCEIVED TO HAVE SOCIAL POWER IN DIFFERENT ISSUE AREAS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-451 079
IOWA ENGINEERING EXPERIMENT STATION AMES

SOCIAL ACTION IN CIVIL DEFENSE. THE STRATEGY OF PUBLIC INVOLVEMENT IN A COUNTY CIVIL DEFENSE EDUCATIONAL PROGRAM. (U)

DESCRIPTIVE NOTE: FINAL SUMMARY REPT.,
64 74P BEAL,GEORGE M. ;YARBROUGH,
PAUL ;KLONGLAN,GERALD E.;BOHLEN,JOE M. ;
REPT. NO. RURAL SOCIOLOGY-34
CONTRACT: OCD OS62 150
PROJ: 1529

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, GROUP DYNAMICS), HUMANS, PUBLIC OPINION, PERFORMANCE (HUMAN), SOCIAL COMMUNICATION, SOCIOLOGY, DECISION MAKING, FEASIBILITY STUDIES, PUBLIC RELATIONS, EDUCATION (U)
IDENTIFIERS: 1964 (U)

THE PURPOSE OF THE REPORT WAS TO FOCUS ON ONE ASPECT OF SOCIAL ACTION AND CIVIL DEFENSE: THE INITIATION AND EXECUTION OF LARGE-GROUP SOCIAL ACTION AMONG INDIVIDUALS AND ORGANIZATIONS. SPECIFIC OBJECTIVES OF THE REPORT WERE (1) TO PRESENT A CONSTRUCT OF THE SOCIAL ACTION PROCESS WHICH CAN BE USED AS A DESIGN FOR IMPLEMENTING SOCIAL ACTION PROGRAMS AND/OR AS A FRAMEWORK FOR ANALYZING EXISTING OR PAST SOCIAL ACTION PROGRAMS, (2) TO PRESENT AN ANALYSIS OF A SOCIAL ACTION PROGRAM INVOLVING CIVIL DEFENSE. (A) TO PRESENT A DESCRIPTIVE BACKGROUND OF THE CIVIL DEFENSE SOCIAL ACTION PROGRAM ANALYZED. (B) TO ANALYZE IN DEPTH THIS SOCIAL ACTION PROGRAM UTILIZING THE SOCIAL ACTION MODEL, AND DEVELOPING METHODOLOGHY TO OPERATIONALIZE THE SOCIAL ACTION CONSTRUCT FOR RESEARCH PURPOSES, AND (3) TO DISCUSS THE FINDING OF THE STUDY AND TO EXPLORE THE IMPLICATIONS OF THESE FINDINGS IN THE ATTEMPTS OF THE OFFICE OF CIVIL DEFENSE TO INSTIGATE OTHER SOCIAL ACTION PROGRAMS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-600 438
MICHIGAN STATE UNIV EAST LANSING COLL OF COMMUNICATION ARTS

THE FALLOUT PROTECTION BOOKLET: (III) A METHODOLOGICAL COMPARISON OF PRE-TEST RESPONSES OF THOSE WHO RESPONDED, REFUSED, OR WERE NOT REACHABLE ON THE POST-TEST. (U)

DESCRIPTIVE NOTE: COMMUNICATION RESEARCH REPT., APR 64 23P COSTLEY,DAN ;BERLO,DAVID K. ;
CONTRACT: OCD OS62 19

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, ATTITUDES), (*NUCLEAR WARFARE), HANDBOOKS, SHELTERS, PUBLIC OPINION, SURVIVAL, SOCIOMETRICS (U)

A STUDY WAS MADE OF THE IMPACT OF THE 'FALLOUT PROTECTION' BOOKLET WHICH WAS PUBLISHED BY THE OCD IN DECEMBER OF 1961. WHILE COLLECTING DATA SPECIFIC TO THAT OBJECTIVE, USEFUL INFORMATION RELEVANT TO PUBLIC INFORMATION ABOUT AND ATTITUDE TOWARD CIVIL DEFENSE WAS COLLECTED. REPORT 1 PRESENTED DATA ON THE ACCURACY OF PUBLIC KNOWLEDGE ABOUT NUCLEAR ATTACK AND CIVIL DEFENSE, THE FAVORABILITY OF PUBLIC ATTITUDES TOWARD CIVIL DEFENSE MEASURES, OTHER ESTIMATES OF THE PUBLIC AS TO THE THREAT OF NUCLEAR WAR AND THE RELATIVE EFFECTIVENESS OF VARIOUS SHELTER INDUCEMENTS AND INDUCEMENT AGENTS, AND INDICES OF PUBLIC EXPOSURE TO SHELTER INFORMATION. REPORT 1 ALSO ANALYZED ATTITUDINAL AND DEMOGRAPHIC CORRELATES OF SHELTER KNOWLEDGE, BELIEFS, AND PLANS. REPORT 2 PRESENTED DATA FROM A COMPARATIVE ANALYSIS OF ATTITUDINAL AND INFORMATION LEVELS OF RESPONDENTS WHO HAD BEEN DIVIDED INTO FOUR CATEGORIES OF INTEREST WITH RESPECT TO CONSTRUCTING FAMILY SHELTERS. THIS REPORT PRESENTS THE FINDINGS OF A COMPARISON OF PRE-TEST RESPONSES OF THOSE WHO (A) RESPONDED, (B) REFUSED, OR (C) WERE NOT REACHABLE ON THE POST-TEST. (SEE ALSO AD-404 512). (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-600 751
COLUMBIA UNIV NEW YORK BUREAU OF APPLIED SOCIAL RESEARCH

THE AMERICAN PUBLIC AND THE FALLOUT-SHELTER ISSUE (A NINE-COMMUNITY SURVEY). VOL. II. THE STUDY DESIGN AND THE STUDY COMMUNITIES. (U)

OCT 63 91P LEVINE,GENE N. (MODELL, JOHN ;
CONTRACT: OCD OS62 71

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*PUBLIC OPINION, SHELTERS), (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), (*SHELTERS, PUBLIC OPINION), UNITED STATES, SOCIOMETRICS, RADIOACTIVE FALLOUT, PSYCHOMETRICS, SELECTION (U)

THE REPORT CONTAINS THE DETAILS OF THE STUDY DESIGN AND DESCRIPTIONS OF THE NINE COMMUNITIES IN WHICH INTERVIEWS WERE COLLECTED. ATTENTION IS GIVEN TO THE WAYS IN WHICH THE STUDY COMMUNITIES WERE SELECTED AND THE BASIC QUESTIONNAIRE DEVISED. (SEE ALSO AD-600 752) (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-600 752

COLUMBIA UNIV NEW YORK BUREAU OF APPLIED SOCIAL RESEARCH

THE AMERICAN PUBLIC AND THE FALLOUT-SHELTER ISSUE (A NINE-COMMUNITY SURVEY). VOL. I. A SUMMARY OF METHODS, FINDINGS, AND IMPLICATIONS. (U)

MAY 64 34P LEVINE,GENE M. ;MODELL. JOHN ;

CONTRACT: OCD OS62 71

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*PUBLIC OPINION, SHELTERS), (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), (*SHELTERS, PUBLIC OPINION), UNITED STATES, SOCIOMETRICS, RADIOACTIVE FALLOUT, EMOTIONS, FEAR, PSYCHOMETRICS (U)

A PUBLIC OPINION SURVEY WAS MADE ON THE PUBLIC'S REACTIONS TO THE COLD WAR, AND ESPECIALLY TO THROW LIGHT ON THEIR OPINIONS AND ACTIONS ON THE FALLOUT-SHELTER ISSUE. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-600 985
MICHIGAN STATE UNIV EAST LANSING COLL OF COMMUNICATION ARTS

CIVIL DEFENSE BELIEF PATTERNS: (V) CHANGE IN BELIEFS, PART A. (U)

DESCRIPTIVE NOTE: COMMUNICATIONS RESEARCH REPT.
SEP 63 60P MACLEAN,MALCOLM S. ,JR.;
DANBURY,THOMAS ;TALBOTT,ALBERT D.;ENGBRETSON, ROBERT O. ;
CONTRACT; OCD OS62 19

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*ATTITUDES, CIVIL DEFENSE SYSTEMS), (*SHELTERS, PUBLIC OPINION), RADIOACTIVE FALLOUT, APPLIED PSYCHOLOGY, PERSONALITY (U)

A DESCRIPTION AND TABULAR SUMMARY ARE GIVEN OF THE CHANGES IN MAJOR TYPES OF BELIEF PATTERNS ABOUT FALLOUT SHELTERS, RADIATION, PEACE, AND DEFENSE. A SUMMARY IS INCLUDED OF THE RELATIONSHIPS BETWEEN BELIEF PATTERN CHANGES AND VARIOUS INDICES INCLUDING CIVIL DEFENSE INFORMATION AND MEDIA EXPOSURE, FALLOUT PROTECTION BULLETIN READERSHIP, AND GENERAL DEMOGRAPHIC CHARACTERISTICS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-600 989
MICHIGAN STATE UNIV EAST LANSING COLL OF COMMUNICATION ARTS

CIVIL DEFENSE BELIEF PATTERNS: (VI) CHANGE IN BELIEFS, PART B. (U)

DESCRIPTIVE NOTE: COMMUNICATION RESEARCH REPT.
NOV 63 69P MACLEAN,MALCOLM S. ;JR.;
DANBURY,THOMAS ;TALBOTT,ALBERT D.;ENGBRETSON,
ROBERT O. ;
CONTRACT: OCD OS 62 19

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*ALTITUDES, CIVIL DEFENSE SYSTEMS), (*SHELTERS, ATTITUDES), PERSONALITY, PUBLIC OPINION, APPLIED PSYCHOLOGY, STABILITY (U)

THE REPORT CONTAINS FIVE MAJOR PARTS WITH AN ACCOMPANYING APPENDIX FOR EACH PART: (1) CHANGES IN THE RANKINGS OF THE FALLOUT SHELTER STATEMENTS AND THEIR RELATIONSHIP TO THE DEMOGRAPHIC AND GENERAL INFORMATION EXPOSURE INDICES; (2) CORRELATES OF STABILITY OF INDIVIDUAL BELIEF PATTERNS; (3) CHANGES IN THE BELIEF PATTERNS OF THE FOUR FALLOUT SHELTER AND RADIATION TYPES; (4) CHANGES IN BELIEF PATTERNS OF THE FIVE PEACE AND DEFENSE TYPES; AND (5) BOOKLET READERSHIP. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-600 990
MICHIGAN STATE UNIV EAST LANSING COLL OF COMMUNICATION ARTS

CIVIL DEFENSE BELIEF PATTERNS: (IV) TOPIC APPEALS. (U)

DESCRIPTIVE NOTE: COMMUNICATION RESEARCH REPT.
SEP 63 62P MACLEAN,MALCOLM S. ,JR.;
DANBURY,THOMAS ;TALBOTT,ALBERT D. ;BERNSTEIN, NEIL R. ;
CONTRACT: OCD OS 62-19

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*ATTITUDES, CIVIL DEFENSE SYSTEMS), (ATTITUDES, PERSONALITY), PUBLIC OPINION, APPLIED PSYCHOLOGY, SHELTERS (U)

A DESCRIPTION AND TABULAR SUMMARY ARE GIVEN OF THE FIVE MAJOR TYPES OF PERSONS ON THE BASIS OF THEIR PATTERNS OF INTEREST IN CIVIL DEFENSE INFORMATION TOPICS. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-600 991
MICHIGAN STATE UNIV EAST LANSING COLL OF COMMUNICATION ARTS

CIVIL DEFENSE BELIEF PATTERNS: (VII) SUMMARY. (U)

DESCRIPTIVE NOTE: COMMUNICATION RESEARCH REPT.
MAR 64 21P MACLEAN,MALCOLM S. , JR. ;
DANBURY ,THOMAS ;TALBOTT,ALBERT D. ;
CONTRACT: OSD OS 62 19

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*ATTITUDES, CIVIL DEFENSE SYSTEMS), (*SHELTERS, ATTITUDES), PERSONALITY, PUBLIC OPINION, APPLIED PSYCHOLOGY, RADIOACTIVE FALLOUT (U)

A GENERAL AND OVERALL SUMMARY IS PRESENTED OF THE PROGRAM OF RESEARCH ON CIVIL DEFENSE BELIEF PATTERNS. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-600 993
MICHIGAN STATE UNIV EAST LANSING COLL OF COMMUNICATION ARTS

CIVIL DEFENSE BELIEF PATTERNS: (I) PEACE AND DEFENSE. (U)

DESCRIPTIVE NOTE: COMMUNICATION RESEARCH REPT.
APR 63 64P MACLEAN,MALCOLM S. ,JR.;
DANBURY,THOMAS ;TALBOTT,ALBERT D. ;
CONTRACT: OCD OS62 19

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*ATTITUDES, CIVIL DEFENSE SYSTEMS), (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), FACTOR ANALYSIS, PERSONALITY, APPLIED PSYCHOLOGY, SHELTERS, RADIOACTIVE FALLOUT (U)

A DESCRIPTION AND TABULAR SUMMARY ARE GIVEN OF THE FIVE MAJOR TYPES OF PERSONS ON THE BASIS OF THEIR PATTERNS OF BELIEF ABOUT PEACE AND DEFENSE. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-601 011
PITTSBURGH UNIV PA

THE NEAR SYSTEM: A STUDY IN PUBLIC ACCEPTANCE. (U)

FEB 64 204P NEHNEVAJSA,JIRI ;
CONTRACT: OCD OS63 48

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*PUBLIC OPINION, CIVIL DEFENSE SYSTEMS), (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), (*EARLY WARNING SYSTEMS, CIVIL DEFENSE SYSTEMS), ATTITUDES, WARNING SYSTEMS, COSTS, COLD WAR, UNITED STATES (U)
IDENTIFIERS: NEAR SYSTEM (U)

THE NEAR SYSTEM STUDY WAS CONDUCTED IN LATE 1963 AND EARLY IN 1964 IN A SAMPLE OF 1,402 AMERICANS INTERVIEWED ON BEHALF OF THE UNIVERSITY OF PITTSBURGH BY NATIONAL OPINION RESEARCH CENTER OF THE UNIVERSITY OF CHICAGO. THE STUDY REVEALED HIGH RECEPTIVITY TO THE IDEA OF A HOME ALERTING SYSTEM, AND TO THE SPECIFIC NEAR RECEIVER TESTED. AMERICANS CLAIMED THAT THEY WOULD BE LIKELY TO ACQUIRE SUCH A DEVICE. DIFFERENCES AMONG VARIOUS POPULATION SUBGROUPS WERE ONLY SUBTLE, AND NONE RAN IN ENTIRELY OPPOSING DIRECTIONS. IN FACT, THE ACTUAL NEAR RECEIVER, ONCE SHOWN, GENERATED A MORE FAVORABLE RESPONSE THAN DID THE CONCEPT OF A HOME ALERTING SYSTEM AS SUCH. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-601 014
MICHIGAN STATE UNIV EAST LANSING COLL OF COMMUNICATION ARTS

CIVIL DEFENSE BELIEF PATTERNS: (II) SOURCE CREDIBILITY. (U)

DESCRIPTIVE NOTE: COMMUNICATION RESEARCH REPT.
APR 63 51P MACLEAN,MALCOLM S. ,JR.;
DANBURY,THOMAS ;TALBOTT,ALBERT D. ;
CONTRACT: OCD OS62 19

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*ATTITUDES, CIVIL DEFENSE SYSTEMS), (*ATTITUDES, SOURCES), (*SHELTERS, ATTITUDES), (*RADIOACTIVE FALLOUT, ATTITUDES), PUBLIC OPINION, PERSONALITY, NUCLEAR PARTICLES, APPLIED PSYCHOLOGY, CIVIL DEFENSE PERSONNEL (U)

INFORMATION IS GIVEN FROM INTERVIEWS ON BELIEF PATTERNS CONCERNING DESCRIPTION AND TABULAR SUMMARY ARE GIVEN OF THE FIVE MAJOR TYPES OF PERSONS ON THE BASIS OF THEIR PATTERNS OF TRUST AND DISTRUST ACCORDED SOURCES OF INFORMATION ABOUT FALLOUT SHELTERS AND RADIATION. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-601 214
APPLIED PSYCHOLOGICAL SERVICES WAYNE PA

STANDARDIZED TESTING FOR THE OFFICE OF CIVIL DEFENSE RADIOLOGICAL MONITORING FOR INSTRUCTORS COURSE. (U)

JUN 64 87P SIEGEL,ARTHUR I. ;SCHULTZ, DOUGLAS G. ;FEDERMAN,PHILIP ;
CONTRACT: OCD OS62 178

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*PERFORMANCE TESTS, CIVIL DEFENSE PERSONNEL), (*TEST CONSTRUCTION (PSYCHOLOGY), INSTRUCTORS), (*INSTRUCTORS, CIVIL DEFENSE PERSONNEL), RADIATION MONITORS, PSYCHOMETRICS (U)

THE DEVELOPMENTAL STEPS FOLLOWED IN CONSTRUCTING STANDARDIZED TESTS FOR GRADUATES OF THE OFFICE DEFENSE RADIOLOGICAL MONITORING FOR INSTRUCTORS COURSES ARE DISCUSSED. THE COMPLETE TEST BATTERY CONSISTS OF A MULTIPLE CHOICE, PAPER-ANDPENCIL TEST COVERING CONTENT AREAS CONSIDERED IMPORTANT BY KNOWLEDGEABLE OFFICE OF CIVIL DEFENSE AND ATOMIC ENERGY COMMISSION PERSONNEL AND TWO PERFORMANCE EXAMINATIONS WHICH TEST RADIOACTIVE SOURCE HANDLING AND SURVEY INSTRUMENT EMPLOYMENT SKILL. THREE EQUIVALENT, ALTERNATIVE FORMS OF THE WRITTEN TEST ARE DESCRIBED. ITEM ANALYTIC AND RELIABILITY DATA, ALONG WITH PRELIMINARY NORMATIVE MATERIALS, ARE PRESENTED FOR THE WRITTEN TESTS. THE CONSTRUCTION AND DEVELOPMENT OF THE PERFORMANCE EXAMINATIONS ARE ALSO DETAILED. A TEST ADMINISTRATOR'S MANUAL, FOR BOTH THE WRITTEN TESTS AND THE PERFORMANCE EXAMINATIONS, IS INCLUDED AS AN APPENDIX. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-601 467
HUGHES AIRCRAFT CO FULLERTON CALIF

OCD SOFT TARGET STUDY. (U)

DESCRIPTIVE NOTE: FINAL REPT.
APR 64 213P
REPT. NO. FR-64-16-66
CONTRACT: OCD OS62 277

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, EFFECTIVENESS), SHELTERS, NUCLEAR EXPLOSION DAMAGE, NUCLEAR WARFARE CASUALTIES, RADIATION EFFECTS, COSTS, PROGRAMING (COMPUTERS), COMPUTERS (U)

THIS REPORT DESCRIBES METHODOLOGY AND ORIGINAL COMPUTER PROGRAMS WHICH HAVE BEEN DEVELOPED TO ASSIST IN THE ACCOMPLISHMENT OF THE STUDY OBJECTIVE. TWO COMPUTER PROGRAMS ARE EMPHASIZED. THE DYNAMIC ANALYZER PROGRAM CALCULATES THE EFFECTIVENESS OF SPECIFIED SHELTER SYSTEMS IN PROTECTING THE POPULATION FROM PARTICULAR ATTACKS. POPULATION MOBILITY AND FALLOUT FIELDS WHICH DEPEND ON BOTH TIME AND POSITION ARE CONSIDERED. THE WEIGHTED-STRATEGY, MULTIPLE SHELTER TYPE MIX AND LOCATION OPTIMIZER COMPUTES THE OPTIMAL EFFECTIVENESS VERSUS COST CURVE OVER THE RANGE FROM ZERO COST TO THE COST OF THE MOST EFFECTIVE SYSTEM POSSIBLE WITH A GIVEN SHELTER CATALOG. THIS PROGRAM ALSO DETERMINES THE MIX AND DEPLOYMENT OF SHELTERS AT DESIRED COST/EFFECTIVENESS LEVELS. SOFT TARGET STUDY ACTIVITY HAS SHOWN THAT THERE IS A DIFFERENCE IN THE INTENSITY AND RELATIVE INTENSITY OF THE DIFFERENT WEAPON EFFECTS FOR CITIES NEAR SOFT AND HARD TARGETS. HOWEVER, ALL WEAPON EFFECTS NEED TO BE CONSIDERED FOR BOTH CASES. THE SIGNIFICANCE OF THIS FACT IS THAT THE PROCEDURES DEVELOPED UNDER THE SOFT TARGET STUDY MAY BE APPLIED TO THE STUDY OF CIVIL DEFENSE COUNTERMEASURES FOR CITIES IN ANY TARGETING SITUATION. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-601 930
APPLIED PSYCHOLOGICAL SERVICES WAYNE PA

CIVIL DEFENSE COURSE DEVELOPMENT TECHNIQUES. INSTRUCTOR'S GUIDE FOR A COURSE IN STATE LEVEL CIVIL DEFENSE STAFF OPERATIONS. (U)

JUN 64 152P FLETCHER,DOROTHY E. ;SIEGEL, ARTHUR I. ;
CONTRACT: OCD OS62 121

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, TRAINING), CIVIL DEFENSE PERSONNEL, CIVILIAN PERSONNEL, INSTRUCTORS, CONTROL, SHELTERS, DEFENSE SYSTEMS, TRANSPORTATION, COMMUNICATION SYSTEMS, WARNING SYSTEMS, FEASIBILITY STUDIES (U)

AN INSTRUCTOR'S GUIDE FOR A COURSE IN STATE LEVEL CIVIL DEFENSE STAFF OPERATIONS IS PRESENTED. THE GUIDE REPRESENTS AN ADJUNCT TO ACTUAL COURSE MATERIALS DEVELOPED SEPARATELY. THE TOTAL RESULT CONSTITUTES THE END PRODUCTS EMERGING FROM A FEASIBILITY STUDY INTO TECHNIQUES FOR DEVELOPING CIVIL DEFENSE COURSES. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-601 931
APPLIED PSYCHOLOGICAL SERVICES WAYNE PA

CIVIL DEFENSE COURSE DEVELOPMENT TECHNIQUES. A COURSE IN STATE LEVEL CIVIL DEFENSE STAFF OPERATIONS. (U)

JUN 64 364P FLETCHER,DOROTHY E. (SIEGEL, ARTHUR I.)
CONTRACT: OCD OS62 121

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, TRAINING), CIVIL DEFENSE PERSONNEL, CIVILIAN PERSONNEL, INSTRUCTORS, CONTROL, SHELTERS, DEFENSE SYSTEMS, TRANSPORTATION, COMMUNICATION SYSTEMS, WARNING SYSTEMS, FEASIBILITY STUDIES (U)

THE RESULTS OF DEVELOPING FOR CIVIL DEFENSE A COURSE BASED ON TECHNIQUES CUSTOMARILY EMPLOYED IN DEVELOPING COURSES FOR WEAPON SYSTEM'S HARDWARE DEVELOPMENT ARE PRESENTED. THE RESULTS ARE PRESENTED IN THE FORM OF A COURSE IN STATE LEVEL CIVIL DEFENSE STAFF OPERATIONS. PRELIMINARY TEST OF THE MATERIALS SUGGESTS THAT A VITAL, NEEDED COURSE WAS OBTAINED AND THAT, AT LEAST FOR THE SUBJECT MATTER AREA INVESTIGATED, THE TECHNIQUE IS APPROPRIATE. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-602 849
HUDSON INST INC HARMON-ON-HUDSON N Y

COLLATERAL DAMAGE. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
JUN 64 136P KRUPKA,ROBERT A. I
REPT. NO. 361-RR/5
CONTRACT: OCD OS63 122
TASK: 4113D

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*NUCLEAR WARFARE CASUALTIES, CIVILIAN PERSONNEL), (*POPULATION, NUCLEAR EXPLOSION DAMAGE), (*SHELTERS, COSTS), BLAST, AERIAL TARGETS, CIVIL DEFENSE SYSTEMS, URBAN AREAS, TABLES, MATHEMATICAL ANALYSIS, MILITARY FACILITIES (U)

THE PAPER PRESENTS THE METHODOLOGY AND RESULTS OF A LIMITED STUDY UNDERTAKEN TO DETERMINE COLLATERAL POPULATION DAMAGE FROM WEAPONS AIMED AT STRATEGIC MILITARY BASES AND TO ROUGHLY ESTIMATE THE COST OF BLAST SHELTERS TO PROTECT EVERYONE AT RISK. FOUR SETS OF CALCULATIONS ARE GIVEN. THE FIRST (APPENDIX A, LABELED 'ROUGH COMPUTATIONS') CONTAINS A DETAILED LISTING OF BASES AND CITIES AT RISK, PLUS MORTALITIES COMPUTED USING CENSUS DATA, TARGET TO CITY DISTANCES, AND THE DAMAGE MODEL SELECTED. THE SECOND (APPENDIX B, LABELED 'DETAIL CALCULATIONS FOR TEN TARGETS') CONTAINS THE RESULTS OF REFINED CALCULATIONS FOR SOME LARGE CITIES IN WHICH EACH CENSUS TRACT IS TREATED AS A POPULATION CENTER. THE THIRD (APPENDIX C, LABELED 'ADJUSTED COMPUTATIONS') CONTAINS THE RESULTS OF MODIFYING THE FIRST SET OF COMPUTATIONS ACCORDING TO THE RESULTS OF THE REFINED COMPUTATIONS. THE FOURTH (APPENDIX D, LABELED 'BLAST SHELTER COST COMPUTATIONS') CONTAINS BLAST SHELTER COST CALCULATIONS FOR PROTECTION AGAINST 1-MT AND 8-MT ATTACKS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-604 274
PUBLIC HEALTH SERVICE WASHINGTON D C DIV OF HEALTH MOBILIZATION

THE ROLE OF THE DENTIST IN NATIONAL DISASTER. (U)

JUL 64 21P
CONTRACT: OCD 0563 65
TASK: 2421D

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: PREPARED IN COOPERATION WITH THE COUNCIL ON FEDERAL DENTAL SERVICES OF THE AMERICAN DENTAL ASSOCIATION.

DESCRIPTORS: (*CIVIL DEFENSE, DENTAL PERSONNEL), (*DENTISTRY, CIVIL DEFENSE), (*DENTAL PERSONNEL, CIVIL DEFENSE), NUCLEAR WAR CASUALTIES, PUBLIC HEALTH, TRAINING PROGRAMS, EDUCATION, LEADERSHIP, DIAGNOSIS, MEDICAL EXAMINATION, THERAPY, SURGERY (U)

THERE ARE THREE BASIC AREAS OF RESPONSIBILITY IN WHICH THE DENTIST CAN SERVE MOST EFFECTIVELY: (A) CIVIC OR COMMUNITY; (B) ADMINISTRATIVE; AND (C) PROFESSIONAL. THESE AREAS CAN BE CAPABLY SERVED BY THE DENTIST WITHOUT RESORT TO EXTRA DISCIPLINARY TRAINING. EXTRA DISCIPLINARY FUNCTIONS THAT BECOME THE RESPONSIBILITY OF THE DENTIST CAN BE ATTAINED THROUGH THE INSTITUTION OF TRAINING PROGRAMS UNDER THE COMBINED AEGIS OF THE MEDICAL AND DENTAL PROFESSIONS. ONLY THE TOTAL HEALTH TEAM APPROACH CAN EFFECTIVELY COPE WITH THE PROBLEMS CREATED BY A NATIONAL DISASTER. THE EFFECTIVE UTILIZATION OF DENTAL AUXILIARY PERSONNEL; THE DENTAL HYGIENIST, DENTAL ASSISTANT AND DENTAL LABORATORY TECHNICIAN IS RECOGNIZED AS A NECESSARY ADDITION TO THE TOTAL HEALTH TEAM. THE RECOMMENDED APPROACH TO PREPARE THE DENTIST AND DENTAL AUXILIARIES FOR NEW AND EXPANDED FUNCTIONS IN PROVIDING EMERGENCY CARE IN NATIONAL DISASTER IS THROUGH THE IMPLEMENTATION OF DISASTER PREPAREDNESS PRINCIPLES INTO EXISTING DENTAL CURRICULUMS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-604 275
PUBLIC HEALTH SERVICE WASHINGTON D C DIV OF HEALTH MOBILIZATION

THE ROLE OF THE PHARMACIST IN NATIONAL DISASTER. (U)

JUL 64 35P
CONTRACT: OCD OS63 65
TASK: 2421D

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: PREPARED IN COOPERATION WITH THE AMERICAN PHARMACEUTICAL ASSOCIATION'S COMMITTEE ON DISASTER AND NATIONAL SECURITY.

DESCRIPTORS: (*PHARMACOLOGY, CIVIL DEFENSE), (*CIVIL DEFENSE, MEDICAL PERSONNEL), (*MEDICAL PERSONNEL, CIVIL DEFENSE), EDUCATION, TRAINING PROGRAMS, MEDICAL SUPPLIES, DRUGS, DOSAGE, STORAGE, MEDICAL EXAMINATION, THERAPY, PUBLIC HEALTH, SURVIVAL, COMMUNICABLE DISEASES, RADIATION EFFECTS, DECONTAMINATION (U)
IDENTIFIERS: PHARMACIST (U)

THE ROLE OF THE PHARMACIST IN DISASTER PREPAREDNESS WAS RECORDED, SETTING FORTH PRIORITIES ON PHARMACISTS IN DIFFERENT TYPES OF PRACTICE. RECOMMENDATIONS FOR IMPLEMENTATION OF THE REPORT INCLUDE THE CREATION OF AN AWARENESS OF THE PROBLEMS BY ALL PHARMACISTS, THE MOTIVATION OF PHARMACISTS TO BETTER EQUIP THEMSELVES FOR ASSUMING RESPONSIBILITIES IN DISASTER PROGRAMS, AND THE ESTABLISHMENT OF SUITABLE EDUCATIONAL OR TRAINING MECHANISMS TO ACHIEVE THESE RESULTS. TO DO THIS, CLOSER COORDINATION WITH FEDERAL, STATE, AND LOCAL GOVERNMENTS IS URGED, MORE USE BY PHARMACISTS OF THE TRAINING MATERIALS OF THE MEDICAL SELF-HELP PROGRAM, AND AN EVALUATION OF BETTER UTILIZATION OF THE PHARMACEUTICAL RESOURCES OF THE COMMUNITY IN SHELTER PROGRAMS. SPECIFICALLY, THE COMMITTEE RECOMMENDED: (1) THE ESTABLISHMENT OF JOINT COUNCILS OF HEALTH PROFESSIONS FOR DISASTER PREPAREDNESS. (2) THE DEVELOPMENT, PUBLICATION AND DISTRIBUTION OF A BASIC ORIENTATION MANUAL FOR PHARMACISTS. (3) THE ESTABLISHMENT OF A PHARMACY LIAISON OFFICER FOR CIVIL DEFENSE. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-606 690
RAND CORP SANTA MONICA CALIF

THE SOVIET CIVIL DEFENSE PROGRAM. (U)

MAR 62 24P GOURE,LEON !
REPT. NO. P-2554

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: THIS LECTURE WAS PREPARED FOR PRESENTATION AT THE NATIONAL MEETING OF THE AMERICAN CHEMICAL SOCIETY, DIVISION OF INDUSTRIAL AND ENGINEERING CHEMISTRY IN WASHINGTON, D. C. 27 MAR 62.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, USSR), (*USSR, CIVIL DEFENSE SYSTEMS), GOVERNMENT (FOREIGN), SHELTERS, POPULATION, TRAINING, PROPAGANDA, SYMPOSIA (U)

SOVIET CIVIL DEFENSE IS THE SUBJECT OF PUBLIC DISCUSSION IN THE UNITED STATES WITH A GREAT DEAL OF CONFLICTING INFORMATION BEING PUBLISHED ABOUT IT. FOLLOWING THE LATE PRESIDENT KENNEDY'S ANNOUNCEMENT OF PLANS TO ACCELERATE AND EXPAND THE UNITED STATES CIVIL DEFENSE AND SHELTER CONSTRUCTION PROGRAM, THE SOVIET UNION HAS DONE ITS BEST TO CAST DOUBTS ON THE VALUE OF THE U. S. EFFORT AS WELL AS TO DENY THE EXISTENCE OF A SIMILAR CIVIL DEFENSE PROGRAM IN THE SOVIET UNION. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-609 094
PITTSBURGH UNIV PA

LEVELS OF ACTIVITY, (U)

OCT 64 49P ANDERSON,MARTHA WILLIS ;
CONTRACT: OCD OS63 48

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE PERSONNEL, STATISTICAL DATA), (*SOCIOLOGY, CIVIL DEFENSE PERSONNEL), COLD WAR, ATTITUDES, POPULATION, PUBLIC OPINION, UNITED STATES, GEOGRAPHY, URBAN AREAS, SOCIAL SCIENCES (U)

AN INVESTIGATION WAS CONDUCTED INTO THE EXTENT AND COMPOSITION OF SUPPORT FOR THE CIVIL DEFENSE PROGRAM FROM WORLD WAR II TO 1963. THE REPORT IS ONE OF A SERIES OF PAPERS BASED ON DATA FROM A UNIVERSITY OF PITTSBURGH NATIONAL STUDY ENTITLED THE COLD WAR AND CIVIL DEFENSE ATTITUDES, CONDUCTED DURING THE YEAR 1963 WITH A SAMPLE OF 1,434. THE FOCUS WAS A SET OF THREE QUESTIONS ABOUT CIVIL DEFENSE ACTIVITY: 1) HAD THE RESPONDENT OR ANY MEMBER OF HIS FAMILY EVER BEEN ACTIVE IN CIVIL DEFENSE, 2) WHEN, AND 3) WHAT DID THEY DO. RESPONSES TO THESE QUESTIONS WERE RUN AGAINST RELEVANT PERSONAL DATA IN ORDER TO ATTEMPT TO DETERMINE THE NUMBER AND COMPOSITION OF THE GROUP WHICH HAD BEEN ACTIVE. IT BECAME IMMEDIATELY APPARENT THAT 14.6 PERCENT OF OUR RESPONDENTS, OR 196 PEOPLE, HAD BEEN ACTIVE IN CIVIL DEFENSE AT ANY TIME, AND FURTHER THAT THE MAJORITY OF THESE PEOPLE HAD BEEN ACTIVE DURING THE SECOND WORLD WAR AND HAD PARTICIPATED MOST OFTEN IN TERMS OF CARRYING OUT ASSIGNED ROLES. THE GROUP SEEN AS ACTIVE AT THE TIME OF INTERVIEW IS ANALYZED SINGLY, IN TERMS OF THE PERSONAL DATA. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-609 095
PITTSBURGH UNIV PA

COLD WAR AND CIVIL DEFENSE ATTITUDES: THE DESIRABILITY OF ALTERNATE MODES OF ORGANIZING A CIVIL DEFENSE EFFORT, (U)

OCT 64 20P COLEMAN,ALAN N. I
CONTRACT: OCD 0563 48

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*COLD WAR, ATTITUDES), (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), (*SOCIOLOGY, CIVIL DEFENSE SYSTEMS), UNITED STATES, STATISTICAL DATA, POPULATION, URBAN AREAS, RURAL AREAS, SOCIAL SCIENCES (U)

A NATIONAL SAMPLE OF 1,434 RESPONDENTS WAS ASKED TO ASSESS THE DESIRABILITY OF EACH OF FIVE DIFFERENT WAYS OF ORGANIZING A CIVIL DEFENSE PROGRAM: (1) ONE CARRIED OUT MOSTLY BY VOLUNTEERS; (2) A PROGRAM UNDER STATE AND LOCAL GOVERNMENTS; (3) A NEAR-MILITARY ORGANIZATION, SIMILAR TO THE NATIONAL GUARD; (4) A PROGRAM UNDER ONE OF THE PRESENT ARMED SERVICES; (5) A NEW, SEPARATE SERVICE ALONG THE LINES OF THE PRESENT ARMED FORCES. IN ASSESSING THE NATURE OF THE SOCIAL SITUATION FROM WHICH OPINIONS ON THE ABOVE-MENTIONED ALTERNATIVES WERE GENERATED, IT WAS FOUND, ON THE ONE HAND, THAT ALL OF THE PROGRAMS WERE GENERALLY MORE DESIRABLE TO RESPONDENTS IN THE LOWER SOCIOECONOMIC POSITIONS IN THE SOCIETY (IN TERMS OF INCOME, EDUCATION AND OCCUPATION) AND THAT CATHOLIC RESPONDENTS FOUND ALL OF THE ALTERNATIVES MORE DESIRABLE THAN DID PROTESTANTS, WITH THE EXCEPTION OF THE STATE-LOCAL PROGRAM, WHERE BOTH GROUPS FOUND IT EQUALLY FAVORABLE. ON THE OTHER HAND, DIFFERENCES IN SOCIAL FACTORS WERE REFLECTED IN THE FINDINGS THAT NON-METROPOLITAN AREAS OF RESIDENCE FOUND THE VOLUNTARY AND STATE-LOCAL ALTERNATIVES MORE DESIRABLE THAN DID METROPOLITAN AREAS; THAT THE VOLUNTARY PROGRAM WAS FAVORED EQUALLY BY REPUBLICANS AND DEMOCRATS BUT THE STATE-LOCAL WAS DESIRED MORE BY REPUBLICANS, ALL OTHER ALTERNATIVES BEING FAVORED MORE BY DEMOCRATS THAN REPUBLICANS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-609 202
PITTSBURGH UNIV PA

SOME PUBLIC VIEWS ON CIVIL DEFENSE PROGRAMS. (U)

DEC 64 112P NEHNEVAJSA,JIRI ;BRODIE, DOROTHY V. ;KROCHMAL,DONNA;POMEROY,RICHARD ;

CONTRACT: OCD OS63 48
TASK: 48128

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), (*PUBLIC OPINION, CIVIL DEFENSE SYSTEMS), SOCIOLOGY, SHELTERS, COSTS, ATTITUDES, POPULATION, UNITED STATES, STATISTICAL DATA, SAMPLING, ABSTRACTING (U)

THESE FOUR REPORTS ARE BASED ON A SURVEY OF CIVIL DEFENSE AND COLD WAR ATTITUDES CONDUCTED IN MID-1963. INTERVIEWS WERE CONDUCTED WITH A NATIONAL PROBABILITY SAMPLE OF 1,434 AMERICANS. EACH REPORT TAKES AS A TOPIC A KEY ASPECT OF THE SAMPLE'S ORIENTATION TO CIVIL DEFENSE SYSTEMS AND COLD WAR ISSUES AND ANALYZES IT IN TERMS OF RELEVANT SOCIAL AND PERSONAL CHARACTERISTICS. INTERVIEW SCHEDULES WERE ADMINISTERED IN THE SUMMER OF 1963 AND DEALT WITH THE LIKELIHOOD AND DESIRABILITY OF VARIOUS ALTERNATIVE SHELTER SYSTEMS AND COLD WAR OUTCOMES. IN ADDITION TO THE DATA COLLECTED ON ATTITUDES AND OPINIONS ON THE CENTRAL ISSUES RESPONDENTS WERE ASKED A SERIES OF QUESTIONS SPECIFYING PERTINENT ELEMENTS OF THEIR SOCIAL AND PERSONAL ATTRIBUTES. THESE DEALT WITH SUCH TOPICS AS MARITAL STATUS, FAMILY INCOME, EDUCATION, AGE, ETC., AND A VARIETY OF OTHER QUESTIONS TAPPING THESE DIMENSIONS. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-611 160
FEDERAL CIVIL DEFENSE ADMINISTRATION WASHINGTON D C

DAMAGE TO CONVENTIONAL AND SPECIAL TYPES OF RESIDENCES EXPOSED TO NUCLEAR EFFECTS. (U)

DESCRIPTIVE NOTE: REPT. FOR FEB-MAY 55.
APR 61 81P RANDALL,PHILIP A. I
PROJ: 31 1
MONITOR: WT , 1194

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: REPT. ON OPERATION TEAPOT. RESEARCH DONE IN COOPERATION WITH THE FEDERAL HOUSING ADMINISTRATION, WASHINGTON, D. C., AND THE HOUSING AND HOME FINANCE AGENCY, WASHINGTON, D. C.

DESCRIPTORS: (*HOUSING, NUCLEAR EXPLOSION DAMAGE), (*NUCLEAR EXPLOSION DAMAGE, HOUSING), (*CIVIL DEFENSE SYSTEMS, HOUSING), BUILDINGS, WOOD, BRICK, REINFORCED CONCRETE, STRUCTURAL PROPERTIES, VULNERABILITY, NUCLEAR EXPLOSIONS, CIVIL ENGINEERING, PHOTOGRAPHS (U)
IDENTIFIERS: TEAPOT OPERATION (U)

AT THE NEVADA TEST SITE OF THE ATOMIC ENERGY COMMISSION, 10 RESIDENTIAL STRUCTURES WERE EXPOSED TO THE EXPLOSION OF A NUCLEAR DEVICE (APPLE II) OF APPROXIMATELY 30-KT YIELD, DETONATED ATOP A 500-FT TOWER, TO TEST THEIR BEHAVIOR AND RESISTANCE TO NUCLEAR WEAPONS EFFECTS AND TO OBTAIN DATA THAT WILL CONTRIBUTE TO THE DEVELOPMENT OF IMPROVED PROTECTIVE DESIGNS. FROM A DETERMINATION OF THE BEHAVIOR OF THESE STRUCTURES UNDER BLAST, THERMAL, AND NUCLEAR RADIATION EFFECTS, IT SHOULD BE POSSIBLE TO DETERMINE THE BEST STEPS TO BE TAKEN FOR THE PROTECTION OF FAMILIES LIVING IN SUCH STRUCTURES AND TO OBTAIN NECESSARY ADDITIONAL DATA ON THE STRENGTHS OF THE STRUCTURES AS A WHOLE AND POSSIBLE WEAKNESSES IN COMPONENT PARTS. THE PROJECT WAS CONCERNED PRIMARILY WITH BLAST AND RADIATION EFFECTS ON RESIDENTIAL STRUCTURES, AND PRECAUTIONS WERE TAKEN TO AVOID IGNITION OF THE STRUCTURES BY THE THERMAL ENERGY OF THE EXPLOSION. DATA OBTAINED ARE EXPECTED TO BE USEFUL ALSO IN THE DEVELOPMENT OF METHODS FOR STRENGTHENING THE STRUCTURES WITHIN LIMITS OF PRACTICAL ECONOMY, AND IN PROVIDING INFORMATION ON THE POSSIBLE USE OF THE STRUCTURES FOR HOUSING WITHOUT MAJOR REPAIRS FOLLOWING A NUCLEAR EVENT. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-611 438
RESEARCH TRIANGLE INST DURHAM N C

A THESAURUS OF CIVIL DEFENSE DESCRIPTORS. CIVIL DEFENSE INFORMATION SYSTEMS ANALYSIS. (U)

DESCRIPTIVE NOTE: FINAL REPT., APP. E; VOL. 2, 1 DEC 63-15 JAN 65,
JAN 65 224P HERZOG,W. T. ;JENKINS,J. E. ;
REPT. NO. OU-158-1
TASK: 46318

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*INFORMATION RETRIEVAL, CIVIL DEFENSE SYSTEMS), (*SUBJECT INDEXING, CIVIL DEFENSE SYSTEMS), (*CIVIL DEFENSE SYSTEMS, DOCUMENTATION), INDEXES, VOCABULARY, CLASSIFICATION, INSTRUCTION MANUALS, LANGUAGE, LIBRARIES, RECORDS, REPORTS, ANALYSIS (U)
IDENTIFIERS: DESCRIPTORS, THESAURI, CODING (DOCUMENTATION) (U)

A LISTING OF APPROXIMATELY 600 WORDS OR PHRASES (DESCRIPTORS) IS PROVIDED FOR USE IN INDEXING AND RETRIEVING CIVIL DEFENSE RESEARCH INFORMATION. INCLUSION NOTES, 'USE,' AND 'ALSO SEE' REFERENCES ARE PROVIDED AS WELL AS GENERAL DIRECTIONS FOR APPLYING DESCRIPTORS TO CIVIL DEFENSE INFORMATION. THE DESCRIPTOR SELECTION WAS MODELED ON THE SYSTEM OF THE DEFENSE DOCUMENTATION CENTER (DDC). ABOUT 70 OF THE 600 DESCRIPTORS ARE NOT USED BY DDC. THEY WERE CHOSEN FROM THE CIVIL DEFENSE MATRIX AND FROM SPECIAL FIELDS OF INTEREST. THIS CORE OF 600 GENERAL DESCRIPTORS CAN BE SUPPLEMENTED WITH SPECIFIC TERMS IN THE SUBJECT AREAS WHERE THE QUANTITY OF DOCUMENTS WARRANTS MORE INTENSIVE INDEXING. FROM PREVIOUS LIBRARY EXPERIENCE (PB-166 415), IT IS ESTIMATED THAT THE 600 DESCRIPTORS CHOSEN ARE THE MINIMUM NUMBER NEEDED FOR A COLLECTION OF 1000 DOCUMENTS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-611 764
DUNLAP AND ASSOCIATES INC DARIEN CONN

REQUIREMENTS FOR LOCAL PLANNING TO COVER HAZARDS OF FALLOUT. VOLUME I. (U)

DESCRIPTIVE NOTE: FINAL REPT., VOL. 1.
JAN 65 63P
REPT. NO. DRD-64-110 VOL. 1
CONTRACT: OCD OS63 161
TASK: 4531A

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, EFFECTIVENESS), (*SHELTERS, MANAGEMENT PLANNING), POPULATION, DISTRIBUTION, TRAFFIC, PASSENGER VEHICLES, FIRES, FIRE SAFETY, HAZARDS, RADIOACTIVE FALLOUT, LINEAR PROGRAMMING, CONNECTICUT (U)

THE STUDY CONCENTRATED UPON DEVELOPING EFFECTIVE PLANS FOR ASSIGNING SHELTERS TO POPULATION, AND FOR BRINGING THE POPULATION TO THE SHELTER. TWO MEDIUM-SIZED TOWNS IN CONNECTICUT, STAMFORD AND WATERBURY, WERE STUDIED IN DETAIL. FOR EACH TOWN, A STUDY WAS MADE ON THE EFFECTIVENESS OF A NUMBER OF PLANS OF VARYING DETAIL AND COMPLEXITY IN GETTING PEOPLE TO SHELTER. IN ALL PLANS IT WAS ASSUMED THAT ENOUGH TRAFFIC CONTROL WOULD BE SET UP TO AVOID BLOCKAGES OF TRAFFIC NEAR SHELTERS, AND THAT THE POPULATION WOULD KNOW TO WHAT SHELTER AREAS THEY HAD BEEN ASSIGNED, AND HOW THEY WERE SUPPOSED TO GET THERE. TWO TYPES OF SHELTER ASSIGNMENT WERE MADE: THE FIRST WAS BY CENSUS TRACT, THE SECOND BY INDIVIDUAL LOCATION. IN THE FIRST, PEOPLE FROM SHELTER-POOR CENSUS TRACTS WERE DIRECTED TO SHELTER-RICH CENSUS TRACTS, ACCORDING TO A LINEAR PROGRAMMING METHOD AIMED AT MINIMIZING DISTANCE TRAVELED. IN THE SECOND, A SIMILAR METHOD WAS USED TO ASSIGN PEOPLE TO ACTUAL BUILDINGS. STUDIES WERE MADE OF VARIOUS SPEEDS OF MOVEMENT TO SHELTER AND THEIR EFFECTS UPON RATE AT WHICH THE POPULATION WAS SHELTERED. PLANNING PROBLEMS ASSOCIATED WITH PRIMARY AND SECONDARY FIRES WERE GIVEN CURSORY EXAMINATION. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-612 299
RESEARCH TRIANGLE INST DURHAM N C

CIVIL DEFENSE INFORMATION SYSTEMS ANALYSIS (A FEASIBILITY STUDY OF RESEARCH INFORMATION EXCHANGE). (U)

DESCRIPTIVE NOTE: FINAL REPT., VOL. 1, 1 DEC 63-15 JAN 65,
JAN 65 146P HERZOG,W. T. ;JENKINS,J. E. ;
REPT. NO. R-OU-158-1
TASK: 46318

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, DOCUMENTATION), (*INFORMATION RETRIEVAL, CIVIL DEFENSE SYSTEMS), SUBJECT INDEXING, REPORTS, LIBRARIES, LANGUAGE, VOCABULARY, CIVIL DEFENSE PERSONNEL, ANALYSIS, SOURCES, FEASIBILITY STUDIES (U)
IDENTIFIERS: INFORMATION SYSTEMS, INFORMATION CENTERS, INFORMATION EXCHANGE SYSTEM (U)

A FEASIBILITY STUDY WAS PERFORMED OF A CIVIL DEFENSE SCIENTIFIC AND TECHNICAL INFORMATION SYSTEM THAT WILL INSURE THE READY AVAILABILITY OF INFORMATION TO ALL PERTINENT OCD ELEMENTS AND TO CONTRACT RESEARCH PERSONNEL. A BRIEF ANALYSIS OF SCIENTIFIC INFORMATION SYSTEMS IS PRESENTED AS BACKGROUND FOR A DISCUSSION OF THE PRESENT CIVIL DEFENSE INFORMATION SYSTEM. THE POTENTIAL SOURCES OF CIVIL DEFENSE INFORMATION ARE LISTED. THE CIVIL DEFENSE INFORMATION SYSTEM IS DEFINED TO BE THE RELATIONSHIPS OR EXCHANGE BETWEEN THE SOURCES OF CIVIL DEFENSE INFORMATION AND THE USERS OF THIS INFORMATION. METHODS FOR IMPROVING THIS EXCHANGE ARE PRESENTED. THESE SUGGESTIONS INCLUDE THE ESTABLLLISHMENT OF AN INFORMATION ANALYSIS CENTER, THE PRINTING OF A QUARTERLY TECHNICAL PROGRESS REVIEW, AND THE USE OF STANDARD REPORT FORMAT AND INDEXING PROCEDURES. TO FOSTER STANDARD INDEXING PROCEDURES, A 'THESAURUS OF CIVIL DEFENSE DESCRIPTORS' IS PROVIDED (AD-611 438).
(AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-612 706
INSTITUTE FOR DEFENSE ANALYSES ARLINGTON VA ECONOMIC AND POLITICAL STUDIES DIV

FEDERAL CIVIL DEFENSE ORGANIZATION: THE RATIONALE OF ITS DEVELOPMENT. (U)

JAN 65 109P GESSERT,ROBERT A. ;JORDAN, NEHEMIAH ;TASHJEAN,JOHN E.;
REPT. NO. STUDY S-184 ,IDA/HQ-65-3480
CONTRACT: OCD-OS-63-134

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, MANAGEMENT PLANNING), NATIONAL DEFENSE, DEFENSE SYSTEMS, COMMUNICATION SYSTEMS, UNITED STATES GOVERNMENT, DEPARTMENT OF DEFENSE, SHELTERS, EDUCATION, CIVIL DEFENSE PERSONNEL, DECISION MAKING, WARNING SYSTEMS, COSTS, HISTORY (U)
IDENTIFIERS: COST-EFFECTIVENESS ANALYSIS, ORGANIZATIONS (U)

THE PRESENT STUDY EXAMINES THE ORGANIZATIONAL CONCEPTS WHICH HAVE EMERGED DURING THE MODERN HISTORY OF CIVIL DEFENSE. SINCE THESE HAVE DERIVED LARGELY FROM POLITYORIENTED APPROACHES, CONCEPTS OF THE ROLE OF CIVIL DEFENSE IN NATIONAL SECURITY POLICY AND MACHINERY, OF FEDERAL, STATE, AND LOCAL RESPONSIBILITIES, AND OF EMERGENCY POWERS ARE STRESSED. THE ISSUES UNDERLYING THESE POLITY PROBLEMS ARE CONSIDERED UNDER THREE MAIN HEADINGS: THE MISSION AND PURPOSE OF CIVIL DEFENSE, THE OPERATIONAL REQUIREMENTS FOR FULFILLING THE LIFE-SAVING MISSION, AND THE POLICY CONSTRAINTS WHICH LIMIT THE RANGE OF FEASIBLE WAYS TO MEET REQUIREMENTS. COST/EFFECTIVENESS ANALYSES ARE SUGGESTED FOR INITIAL COMPARISONS OF THE ALTERNATIVE ORGANIZATIONAL SYSTEMS FOR SATISFYING REQUIREMENTS FOR PROTECTIVE CAPABILITIES EMERGENCY SERVICES, RESOURCE ALLOCATION, AND COMMUNICATIONS SYSTEMS. BROAD ORGANIZATIONAL PROPOSALS WHICH HAVE BEEN RECOMMENDED ARE EXAMINED, AND THE PRINCIPAL REASONS FOR WHICH THEY HAVE BEEN REJECTED ARE INDICATED. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-613 608
MICHIGAN STATE UNIV EAST LANSING COLL OF COMMUNICATION ARTS

ARGUMENTATIVE THEMES IN CIVIL DEFENSE: (1) A CONTENT ANALYSIS OF THE NEW YORK TIMES. (U)

DESCRIPTIVE NOTE: COMMUNICATION RESEARCH REPT.
JUN 64 75P BETTINGHAUS,ERWIN P. ;

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), (*NEWSPAPERS, CIVIL DEFENSE SYSTEMS), NUCLEAR WARFARE, SHELTERS, COSTS, HISTORY, POLITICAL SCIENCE, UNITED STATES GOVERNMENT, ATTITUDES, SURVIVAL, DISARMAMENT (U)
IDENTIFIERS: FALLOUT SHELTERS, NEW YORK TIMES (U)

THE REPORT PROVIDES THE COMMUNICATION RESEARCHER OR THE PUBLIC AFFAIRS SPECIALIST WITH A CATEGORY SCHEME FOR DESCRIBING THE MATERIALS TO BE FOUND IN THE CIVIL DEFENSE FIELD. IT ALSO PROVIDES AN APPENDIX WHICH ATTEMPTS TO RECONCILE TWO DIVERGENT REPORTS ON CIVIL DEFENSE MATERIALS. ONE REPORT, ENTITLED ARGUMENTATIVE THEMES IN CIVIL DEFENSE, IS COMPARED WITH CIVIL DEFENSE AND SOCIETY BY JERI NEHNEVAJSA AND HIS COLLEAGUES AT THE UNIVERSITY OF PITTSBURGH. THE COMPARISON INDICATES THAT THE TWO REPORTS ARE NOT INCOMPATIBLE, ALTHOUGH THE CATEGORY SCHEMES USED IN THE TWO SEEM QUITE DIFFERENT. THE REPORT SUGGESTS THAT THERE ARE SIXTEEN GENERAL AREAS INTO WHICH CIVIL DEFENSE MATERIALS CAN BE PLACED. THE CATEGORIES ARE ONLY RELATIVELY INDEPENDENT, BUT CERTAINLY SERVE TO DISTINGUISH VARIOUS POSITIONS IN THE CIVIL DEFENSE DIALOGUE. THE REPORT ALSO OFFERS THE FOLLOWING TENTATIVE CONCLUSIONS REGARDING THE FREQUENCY OF MATERIALS APPEARING IN THE NEW YORK TIMES FOR THE PERIOD CITED: (1) THE GREATEST PERCENTAGE (39.4%) OF ALL ARGUMENTS IDENTIFIED REFERRED TO FALLOUT SHELTERS; AND (2) THE LARGEST PERCENTAGE OF ALL STORIES (48.2%) WERE FOUND TO BE FAVORABLE TO OCD POLICIES, AND, WHEN THE NEUTRAL ARTICLES ARE REMOVED FROM CONSIDERATION, THE PERCENTAGE RISES TO 69.9%. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-613 637
HUDSON INST INC HARMON-ON-HUDSON N Y

CHANGING PROSPECTS, MISSIONS AND ROLES FOR CIVIL DEFENSE: 1965-1975. (U)

FEB 65 47P BROWN,WILLIAM M. ;CASTIL, RAYMOND D. ;KAHN,HERMAN ;WIENER,ANTHONY J. ;

REPT. NO. HI-477-RR
CONTRACT: OCD OS62 18
TASK: 4211A

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, EFFECTIVENESS), COLD WAR, WARNING SYSTEMS, DEFENSE SYSTEMS, ARMS CONTROL, DETERRENCE, STRATEGIC WARFARE, NUCLEAR WARFARE, SHELTERS, USSR, UNITED STATES (U)

THE MAJOR CONCLUSION FOR CIVIL DEFENSE PLANNING IS THAT SMALL OR INTRAWAR ATTACKS, ARISING OUT OF DEEP CRISES, ARE THE EASIEST AND CHEAPEST TO PREPARE AGAINST, APPARENTLY THE LEAST UNLIKELY, AND YET AMONG THE MOST NEGLECTED OF CIVIL DEFENSE CONTINGENCIES. WHILE THE POSSIBILITY OF MASSIVE SURPRISE ATTACK SHOULD NOT BE IGNORED, THE RELATIVE OVEREMPHASIS UPON IT HAS HAMPERED REALISTIC PLANNING EFFORTS. A MORE REALISTIC ALLOCATION OF PLANNING EMPHASES LEADS TO INCREASED INTEREST IN CIVIL DEFENSE AND EMERGENCY PLANNING PROGRAMS CONTAINING SOME OR ALL OF THE FOLLOWING ELEMENTS: (1) A CRISIS MOBILIZATION BASE; (2) A TENSION MOBILIZATION BASE; (3) A POST-ATTACK RECUPERATION BASE; (4) POSSIBLE ARMS CONTROL AND INCREASED DEFENSE AGREEMENTS, INCLUDING COOPERATIVE CIVIL DEFENSE; AND (5) PROGRAMS THAT VARY PROTECTION WITH POPULATION DENSITY TO REDUCE THE LUCRATIVENESS OF POPULATION TARGETS. STRATEGIC AND POLITICAL ASPECTS OF SUCH PROGRAM ELEMENTS ARE DISCUSSED, AND, ON BALANCE, THEY ARE RECOMMENDED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-613 666
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

PERCEIVED EFFECTIVENESS OF AMERICA'S DEFENSES. (U)

MAR 65 168P BRODIE,DOROTHY V. ;
TASK: 48 21C

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: AVAILABLE COPY WILL NOT PERMIT FULLY LEGIBLE REPRODUCTION. REPRODUCTION WILL BE MADE IF REQUESTED BY USERS OF DDC. COPY IS AVAILABLE FOR PUBLIC SALE.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), EFFECTIVENESS, SHELTERS, NUCLEAR WARFARE, COLD WAR, WEAPON SYSTEMS, POPULATION, SAMPLING, WARNING SYSTEMS, COSTS, SOCIOLOGY, TABLES (U)

THE REPORT EXAMINES LEVELS OF CONFIDENCE IN AMERICA'S DEFENSE SYSTEM. THE SPECIFIC PROGRAMS WHICH ATTEMPT TO SATISFY THE GOALS OF THE SYSTEM WERE CONSIDERED IN THE ANALYSIS. THESE INCLUDED THE PUBLIC'S ESTIMATE OF EFFECTIVENESS OF ACTIVE AND PASSIVE DEFENSES. EXAMINATION OF THE CONFIDENCE IN PASSIVE DEFENSES INVOLVED THE EVALUATION OF EVACUATION PROGRAMS, SHELTER PROGRAMS, PROBLEMS OF WARNING TIME, LOCAL CIVIL DEFENSE EFFORTS, COST EFFECTIVENESS OF THE SYSTEM, AND EVALUATION OF CIVIL DEFENSE PROGRAMS IN RELATION TO VARIOUS TYPES OF WEAPONS EFFECTS. ALL AVAILABLE EMPIRICAL EVIDENCE ON THESE TOPICS, DRAWN FROM THE UNIVERSITY OF PITTSBURGH'S DATA BANK, WAS REVIEWED. AN ATTEMPT WAS MADE TO SPECIFY THE TOPICS BY PERTINENT CROSS-TABULATIONS. WHENEVER FEASIBLE, THE SAMPLE POPULATIONS WERE DISCRETELY IDENTIFIED INTO DEMOGRAPHIC SUB-GROUPS AND OTHER PERTINENT INDICATORS. THE DATA WAS DRAWN FROM VARIOUS INSTRUMENTS AND VARIOUS SAMPLES. WITHIN LIMITATIONS OF THE DATA, A TREND ANALYSIS ESTABLISHING THE BASIC CHRONOLOGY OF PUBLIC OPINION ON THE MAJOR ISSUES WAS PROVIDED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-614 386
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

THREAT PERCEPTION AND CIVIL DEFENSE. (U)

MAR 65 202P KONTOS,DONNA K. I
TASK: 48 21C

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, THREAT EVALUATION), (*THREAT EVALUATION, PUBLIC OPINION), (*PUBLIC OPINION, CIVIL DEFENSE SYSTEMS), SHELTERS, FEAR, ATTITUDES, CIVILIAN PERSONNEL, EFFECTIVENESS, TARGETS, POPULATION, NUCLEAR WARFARE (U)

THE ANALYSIS OF THE NATION'S PERCEPTION OF THREAT INCLUDED ANXIETY ABOUT WAR; THE NATURE OF THE THREAT PERCEIVED, NAMELY: WHAT ARE THE PERCEIVED TARGETS AND WHAT WEAPONS WILL BE USED; ESTIMATES OF WEAPONS EFFECTS; THE CONSEQUENCES OF THREAT PERCEPTION OF VARYING DEGREES AND TYPE FOR ACTION; AND THE CONSEQUENCES OF THREAT PERCEPTION OF VARYING DEGREES AND TYPE ON THE RESPONDENT'S FEELING ABOUT CIVIL DEFENSE AND/OR FALLOUT SHELTERS. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-615 725
NATIONAL LEAGUE OF CITIES WASHINGTON D C DEPT OF URBAN STUDIES

INTERGOVERNMENTAL CIVIL DEFENSE ORGANIZATIONS AND PROGRAMS. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
APR 65 310P WILLIAMS,LAWRENCE A. ;
VEILLETTE,PETER D. ;BULLIS,ANDREW S. ;
TASK: 4412B

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, URBAN AREAS), (*URBAN AREAS, CIVIL DEFENSE SYSTEMS), OPERATION, LEADERSHIP, ATTITUDES, PUBLIC OPINION (U)
IDENTIFIERS: LOCAL GOVERNMENTS (U)

PATTERNS OF LOCAL GOVERNMENT AND THE JURISDICTIONAL IMPEDIMENTS TO THE EFFECTIVE PERFORMANCE OF LOCAL SERVICES ARE DESCRIBED AND RELATED TO CIVIL DEFENSE ORGANIZATIONAL PROBLEMS. THE MAJOR ALTERNATIVE APPROACHES TO LOCAL GOVERNMENT JURISDICTIONAL REORGANIZATION AND THE ADVANTAGES AND DISADVANTAGES ATTRIBUTED TO EACH ARE EXAMINED. THREE INTER-LOCAL GOVERNMENT CIVIL DEFENSE AGENCIES ARE TREATED ON A CASE STUDY BASIS. EMPHASIS IS PLACED UPON LOCAL GOVERNMENT CIVIL DEFENSE ORGANIZATION, POWERS, AND INTERGOVERNMENTAL RELATIONSHIPS. ATTENTION IS GIVEN TO (1) THE ROLE OF THE STATES, (2) METHODS OF POLICY FORMULATION, (3) ARRANGEMENTS FOR POLITICALLY RESPONSIBLE SUPERVISION, (4) ARRANGEMENTS FOR ESTABLISHING AUTHORITY FOR UNIFIED AND COORDINATED EMERGENCY OPERATIONS, (5) PROCEDURES FOR ALLOCATING COSTS, AND (6) THE INCREMENTS IN CIVIL DEFENSE CAPABILITY RESULTING FROM AREA-WIDE ORGANIZATIONS. THE VIEWS OF LOCAL ELECTED OFFICIALS IN EIGHT METROPOLITAN AREAS RELATIVE TO CIVIL DEFENSE AND CIVIL DEFENSE ORGANIZATIONAL PATTERNS ARE ANALYZED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-617 734
STANFORD RESEARCH INST MENLO PARK CALIF

A SYSTEM ANALYSIS OF CIVIL DEFENSE ORGANIZATION AT THE REGIONAL, STATE, AND LOCAL LEVELS. INITIAL REPORT: SYSTEM DEFINITION AND PROBLEM IDENTIFICATION, (U)

MAY 65 95P MCGEE,ARTHUR A. ;KATZ, RICHARD C. ;
PROJ: MU4949 410 ,4536 432
TASK: 4411B ,4411C

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, MANAGEMENT PLANNING), UNITED STATES GOVERNMENT, DEPARTMENT OF DEFENSE, NATIONAL DEFENSE, MANAGEMENT CONTROL SYSTEMS, MANAGEMENT ENGINEERING, WARNING SYSTEMS, SURVIVAL, FOOD, WATER SUPPLIES, COMMUNICATION SYSTEMS, TRANSPORTATION, MEDICAL PERSONNEL, MEDICAL SUPPLIES, CIVIL DEFENSE PERSONNEL, EDUCATION, ECONOMICS, BANKING, URBAN AREAS (U)

THE REPORT PRESENTS A BROAD ANALYSIS OF THE CIVIL DEFENSE SYSTEM AND ORGANIZATION AT THE REGIONAL, STATE AND LOCAL LEVELS OF GOVERNMENT. FROM THIS ANALYSIS THE STUDY IDENTIFIES MAJOR SYSTEM PROBLEMS WITH ORGANIZATIONAL IMPLICATIONS AND DISCUSSES, BUT DOES NOT QUANTITATIVELY EVALUATE, ALTERNATIVE SOLUTIONS TO THESE PROBLEMS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-618 414
IIT RESEARCH INST CHICAGO ILL

FIRE BEHAVIOR, IGNITION TO FLASHOVER. (U)

DESCRIPTIVE NOTE: FINAL SUMMARY REPT.,
JUN 65 48P VODVARKA,F. J. (WATERM,N.T.
E. ;
REPT. NO. N6059
TASK: 2C ,2536C

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*NUCLEAR EXPLOSION DAMAGE, FIRES),
(*FIRES, NUCLEAR EXPLOSION DAMAGE), IGNITION,
FIRE EXTINGUISHERS, CIVIL DEFENSE SYSTEMS,
SCIENTIFIC RESEARCH (U)
IDENTIFIERS: FIRE SPREAD, FIRE STORMS, VELA
UNIFORM PROJECT (U)

THE PROGRAM STUDIED FIRE BUILDUP RESULTING FROM
FLAMING IGNITIONS OF MAJOR FURNITURE ITEMS IN
SIMULATED RESIDENTIAL ROOMS. TIMES WERE DETERMINED
FOR FIRES TO DEVELOP BEYOND ELEMENTARY EXTINGUISHMENT
TECHNIQUES AND FOR FLASHOVER TO OCCUR. THE DATA
PROVIDE INFORMATION FOR DETERMINING PERSONNEL
REQUIREMENTS FOR CIVIL DEFENSE FIRE FIGHTING TEAMS
AND BRIGADES. IN ROOMS WITH CONVENTIONAL
UPHOLSTERY, IN ROOMS WITH FOAM RUBBER UPHOLSTERY, AND
IN BEDROOMS WITH BOX SPRINGS, 90 PER CENT OF THE FUEL
DEVELOPED BEYOND SELF-HELP EXTINGUISHMENT
CAPABILITIES IN 26, 8 AND 12 MINUTES, RESPECTIVELY.
BEDROOMS WITH OPEN SPRINGS DID NOT FLASH OVER.
(AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-619 657
APPLIED PSYCHOLOGICAL SERVICES WAYNE PA

MASS TRAINING TECHNIQUES IN CIVIL DEFENSE. II. A FURTHER STUDY OF TELEPHONIC ADJUNCT TRAINING. (U)

DESCRIPTIVE NOTE: TECHNICAL REPT.,
JUL 65 76P SIEGEL,ARTHUR I. IFISCHL, MYRON A. ;

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, TRAINING), (*APPLIED PSYCHOLOGY, CIVIL DEFENSE SYSTEMS), TRAINING DEVICES, TELEPHONE COMMUNICATION SYSTEMS, TEACHING MACHINES, POPULATION, CIVIL DEFENSE PERSONNEL, PERFORMANCE(HUMAN), LEARNING, MEASUREMENT, STATISTICAL TESTS, STATISTICAL ANALYSIS (U)
IDENTIFIERS: PROGRAMMED INSTRUCTION (U)

THE GAIN IN KNOWLEDGE ACCRUING THROUGH USE OF TELEPHONIC ADJUNCT TRAINING WAS INVESTIGATED AMONG INDIVIDUALS OF LIMITED FORMAL EDUCATION. THE RESULTS INDICATED THAT BOTH ADJUNCT AUGMENTED TELEPHONIC TRAINING AND ADJUNCT AUGMENTED READING WERE MORE EFFECTIVE THAN EITHER READING OR UNAUGMENTED TELEPHONIC TRAINING FOR PRESENTING ATTACK SURVIVAL MATERIAL TO THIS SAMPLE OF SUBJECTS. THE TWO PRIOR STUDIES IN THE PROGRAM ARE REVIEWED. AND THE IMPLICATIONS OF THE OVERALL PROGRAM'S RESULTS FOR PUBLIC EDUCATION IN CIVIL DEFENSE ARE DISCUSSED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-620 268
PUBLIC HEALTH SERVICE WASHINGTON D C DIV OF HEALTH MOBILIZATION

ORIENTATION MANUAL ON DISASTER PREPAREDNESS FOR PHARMACISTS. (U)

DESCRIPTIVE NOTE: FINAL REPT.
AUG 65 33P
CONTRACT: OCD-PS-63-65
PROJ: OCD-2424D
TASK: 2424D

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: PREPARED IN COOPERATION WITH THE AMERICAN PHARMACEUTICAL ASSOCIATION'S COMMITTEE ON DISASTER AND NATIONAL SECURITY, WASHINGTON, D. C.

DESCRIPTORS: (*DISASTERS, MEDICAL PERSONNEL), (*MEDICAL PERSONNEL, DISASTERS), (*CIVIL DEFENSE PERSONNEL, MEDICAL PERSONNEL), PHARMACOLOGY, PROFESSIONAL PERSONNEL, CIVIL DEFENSE SYSTEMS, CASUALTIES, SHELTERS, MEDICAL SUPPLIES, DRUGS, STORAGE, DISTRIBUTION, COMMUNICABLE DISEASES, PUBLIC HEALTH, MEDICAL LABORATORIES, X RAYS, NUCLEAR WARFARE CASUALTIES, UNITED STATES GOVERNMENT (U)

THE MANUAL IS BASED ON 'THE ROLE OF THE PHARMACIST IN NATIONAL DISASTER', PREPARED BY THE AMERICAN PHARMACEUTICAL ASSOCIATION'S COMMITTEE ON DISASTER AND NATIONAL SECURITY IN COOPERATION WITH THE DIVISION OF HEALTH MOBILIZATION, PUBLIC HEALTH SERVICE, DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE. IT FURTHER SERVES AS A GUIDE FOR THE PHARMACIST IN HIS AREA OF RESPONSIBILITY FOR DISASTER PREPAREDNESS. THIS INCLUDES AN EXPLANATION OF EXISTING GOVERNMENTAL AND NON-GOVERNMENTAL PROGRAMS CONCERNING DISASTER PREPAREDNESS SERVICES AND OFFERS DIRECTION FOR MOTIVATING PHARMACISTS TOWARDS COMMUNITY PREPAREDNESS. APPROPRIATE REFERENCE SOURCES ARE LISTED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-622 096
HUDSON INST INC HARMON-ON-HUDSON N Y

A NEW LOOK AT THE DESIGN OF LOW-BUDGET CIVIL DEFENSE SYSTEMS. (U)

DESCRIPTIVE NOTE: RESEARCH REPT.,
AUG 65 42P BROWN,WILLIAM M. I
REPT. NO. HI-478-RR
TASK: 42118

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, URBAN AREAS), DESIGN, VULNERABILITY, SHELTERS, NUCLEAR WARFARE, NUCLEAR WARFARE CASUALTIES, WARNING SYSTEMS, RADIOACTIVE FALLOUT, POPULATION, SURVIVAL, DETERRENCE, COUNTERMEASURES, BUDGETS, COSTS, EFFECTIVENESS (U)

THE FEASIBILITY OF DESIGNING HIGHLY EFFECTIVE LOW-COST CIVIL DEFENSE SYSTEMS IS EXAMINED IN RELATIONSHIP TO VARIOUS WAR OUTBREAK SCENARIOS AND THE UTILITY OF THE ASSOCIATED PREATTACK WARNING PERIOD. IT IS ARGUED THAT WITH MODERATE CONFIDENCE SUCH HIGHLY EFFECTIVE SYSTEMS CAN BE DESIGNED. THEY WOULD DEPEND UPON A GENERAL MOBILIZATION OF CIVILIAN RESOURCES DURING AN EMERGENCY TO GREATLY EXPAND AND IMPROVE ANY EXISTING C. D. CAPABILITY. IDEALLY SUCH DESIGNS CAN VISUALIZE ATTAINING THE GOAL OF ZERO CASUALTIES; HOWEVER, A DYNAMIC PLAN WOULD CONTAIN SEVERAL OPTIONS TO HANDLE THE MANY IMPERFECTIONS WHICH WOULD ALMOST CERTAINLY APPEAR DURING IMPLEMENTATION. THE ESSENTIAL ELEMENTS OF THE C. D. DESIGNS ARE EXAMINED SEPARATELY FOR TECHNICAL, POLITICAL, ADMINISTRATIVE, AND STRATEGIC FEASIBILITY. IT IS CONCLUDED THAT THIS APPROACH OFFERS SUBSTANTIAL PROMISE FOR FUTURE C. D. DEVELOPMENTS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-622 099
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

THE 1964 CIVIL DEFENSE POSTURES: PUBLIC RESPONSE. (U)

AUG 65 97P ANDERSON,MARTHA WILLIS I
CONTRACT: OCD 0563 48

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION); COLD WAR, SHELTERS, BUDGETS, FEDERAL BUDGETS, URBAN AREAS, SURVIVAL, ATTITUDES, PROBABILITY, CORRELATION TECHNIQUES, TABLES (U)

THE PAPER PRESENTS AN INVESTIGATION INTO PERCEPTIONS OF DESIRABILITY AND PROBABILITY OF CERTAIN ALTERNATIVE CIVIL DEFENSE PROGRAMS. IT IS ONE OF A SERIES OF PAPERS BASED ON DATA FROM A UNIVERSITY OF PITTSBURGH NATIONAL STUDY ENTITLED CIVIL DEFENSE AND COLD WAR ATTITUDES, CONDUCTED DURING MID-1964 WITH A PROBABILITY SAMPLE OF 1464 AMERICANS. THE FOCUS OF THE PAPER IS THE LIST OF SIX POSSIBLE CIVIL DEFENSE PROGRAMS, CALLED POSTURES, PRESENTED IN THE QUESTIONNAIRE. DESIRABILITY AND PROBABILITY EVALUATIONS WERE RUN AGAINST OTHER RELEVANT CIVIL DEFENSE, COLD WAR AND PERSONAL CHARACTERISTIC VARIABLES IN ORDER TO ATTEMPT TO DETERMINE THE EXTENT AND CHARACTER OF SUPPORT FOR THESE DIFFERING TYPES OF PROGRAMS. THE VAST MAJORITY OF THE RESPONDENTS FOUND ALL SIX POSTURES TO BE DESIRABLE AND PROBABLE. BETWEEN 64.9% AND 74.1% ASSESSED EACH POSTURE AS HIGHLY DESIRABLE AND 42.3% CONSISTENTLY RATED EVERY POSTURE AS HIGHLY DESIRABLE. ALTHOUGH THE POSTURES DIFFERED IN THE TYPE OF PROGRAM SUGGESTED, THE EVALUATIONS GIVEN TO THEM WERE VERY MUCH THE SAME. FURTHER, FEWOUF THE VARIABLES AGAINST WHICH THESE EVALUATIONS WERE RUN YIELDED ANY EXPLANATION OF THE CAUSES OF SUPPORT. IT WAS CONCLUDED THAT THESE CONSISTENTLY HIGH EVALUATIONS REFLECTED A FAITH IN THE GOVERNMENT AND IN ANY PROGRAM THAT IT MIGHT ENDORSE. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-622 714
APPLIED PSYCHOLOGICAL SERVICES WAYNE PA

MULTIDIMENSIONAL SCALING ANALYSIS AND ITS APPLICATIONS FOR THE CIVIL DEFENSE ORGANIZATION. (U)

SEP 65 54P FISCHL,M. A. ;SIEGEL,ARTHUR I.
;

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE PERSONNEL, PSYCHOMETRICS), CIVIL DEFENSE SYSTEMS, JOB ANALYSIS, PERFORMANCE(HUMAN), TRAINING, SUPERVISORY PERSONNEL, SELECTION, PERSONNEL MANAGEMENT, APPLIED PSYCHOLOGY (U)

THE REPORT DESCRIBES THE PRINCIPLES AND PROCEDURES ASSOCIATED WITH MULTIDIMENSIONAL SCALING ANALYSIS, AND RELATES MULTIDIMENSIONAL SCALING ANALYSIS TO THE CONCEPT OF A PERSONNEL SUBSYSTEM WITHIN THE CIVIL DEFENSE ORGANIZATION. FOUR AREAS OF APPLICATION OF THE TECHNIQUE ARE PRESENTED; THE AUTHORS CONCLUDE THAT THE TECHNIQUE IS OF BROAD RELEVANCE TO SYSTEM PLANNING AND IS FEASIBLE FOR APPLICATION TO THE CIVIL DEFENSE PERSONNEL SYBSYSTEM. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-622 817
SYSTEM DEVELOPMENT CORP SANTA MONICA CALIF

DEVELOPMENT OF OVERALL TRAINING PROGRAMS FOR CIVIL DEFENSE. (U)

DESCRIPTIVE NOTE: FINAL REPT. FOR 5 NOV 63-30 AUG 65.
AUG 65 25UP
REPT. NO. TM(L)-2600/000/01
PROJ: 4431C

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE PERSONNEL, TRAINING), CIVIL DEFENSE SYSTEMS, PERSONNEL MANAGEMENT, SELECTION, JOB ANALYSIS, SUPERVISORY PERSONNEL, LEARNING, COSTS (U)

A COMPREHENSIVE EXAMINATION OF CIVIL DEFENSE TRAINING IS MADE. AFTER DEFINITION OF CIVIL DEFENSE OBJECTIVES, A TRAINING PROGRAM ANALYSIS IS MADE WHICH ESTABLISHED SPECIFIC TRAINING REQUIREMENTS AND DESCRIBES VARIOUS TRAINING PROGRAM ELEMENTS. FROM A PERSPECTIVE INCLUDING THESE INPUTS, THE CURRENT CIVIL DEFENSE TRAINING PROGRAM IS ANALYZED. THREE ALTERNATIVE TRAINING PROGRAMS GEARED TO DIFFERENT FUNDING LEVELS AND A 'PREPARATION FOR CRISIS' PROGRAM ARE PROPOSED AND EXAMINED. EVALUATION PLANS FOR THESE ALTERNATIVE PROGRAMS ARE PRESENTED WITH DISCUSSION OF COST EFFECTIVENESS. A THEORY OF INSTRUCTION FOR USE IN CIVIL DEFENSE TRAINING IS PRESENTED. FINALLY, SUGGESTIONS FOR FURTHER RESEARCH ARE MADE. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-623 918 5/9 15/3
IOWA AGRICULTURAL AND HOME ECONOMICS EXPERIMENT STATION
AMES

COMMUNITY POWER ACTORS AND CIVIL DEFENSE. A DELINEATION OF COMMUNITY POWER ACTORS AND AN ANALYSIS OF THEIR CIVIL DEFENSE ATTITUDES, KNOWLEDGE, BEHAVIOR, AND SOURCES OF INFORMATION. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
65 183P BOHLEN,JOE M. ;BEAL,GEORGE M. ;KLONGLAN,GERALD E.;TAIT,JOHN L. ;
REPT. NO. RURAL SOCIOLOGY-40

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE PERSONNEL, LEADERSHIP), (*SOCIOLOGY, CIVIL DEFENSE SYSTEMS), ATTITUDES, BEHAVIOR, DECISION MAKING, POWER, URBAN AREAS, RURAL AREAS, POPULATION, PUBLIC OPINION, FALLOUT SHELTERS, STATISTICAL ANALYSIS, TABLES, IOWA (U)

A SOCIAL POWER MODEL IS DEFINED WHICH MAY BE USED BY THE LOCAL CIVIL DEFENSE DIRECTOR FOR ANALYZING SOCIAL POWER IN HIS COMMUNITY. THE COMMUNITY MEMBERS WHO HAVE SOCIAL POWER AND AFFECT THE COMMUNITY DECISIONMAKING PROCESS ARE DESIGNATED AS POWER ACTORS. THE POWER ACTORS IN FIVE IOWA COMMUNITIES WERE INTERVIEWED. THEY WERE FOUND TO HAVE SIMILAR PERSONAL AND SOCIAL CHARACTERISTICS. THE POWER ACTORS WERE PERCEIVED TO HAVE SOCIAL POWER IF THE COMMUNITY WAS TO BUILD A COMMUNITY FALLOUT SHELTER IN THE NEAR FUTURE. THE POWER ACTORS' CIVIL DEFENSE ATTITUDES, KNOWLEDGE, SOURCES OF INFORMATION, AND ACTIONS WERE ANALYZED. THE POWER ACTORS (1) HAD A LOW PERCEPTION OF THREAT, (2) PERCEIVED THAT WE SHOULD HAVE CIVIL DEFENSE PROGRAMS WHICH (A) LICENSES, MARKS, AND STOCKS EXISTING BUILDINGS, (B) ENCOURAGES THE CONSTRUCTION OF INDIVIDUAL FAMILY SHELTERS, (C) MAKES AVAILABLE FINANCIAL ASSISTANCE FOR THE CONSTRUCTION OF PUBLIC SHELTER SPACES IN NEW PUBLIC BUILDINGS, AND (D) ENCOURAGES COMMUNITIES OR LOCAL GOVERNMENTAL UNITS TO CONSTRUCT THEIR OWN LOCALLY FINANCED COMMUNITY SHELTERS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-623 943 5/9 15/3
IOWA AGRICULTURAL AND HOME ECONOMICS EXPERIMENT STATION
AMES

COMMUNITY POWER ACTORS AND CIVIL DEFENSE. A DELINEATION OF COMMUNITY POWER ACTORS AND AN ANALYSIS OF THEIR CIVIL DEFENSE ATTITUDES, KNOWLEDGE, BEHAVIOR, AND SOURCES OF INFORMATION. (U)

DESCRIPTIVE NOTE: FINAL SUMMARY REPT.,
65 24P BOHLEN,JOE M. ;BEAL,GEORGE M. ;KLONGLAN,GERALD E. ;TAIT,JOHN L. ;
REPT. NO. RURAL SOCIOLOGY-40S

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: SEE ALSO AD-623 918 FOR COMPLETE FINAL REPORT.

DESCRIPTORS: (*CIVIL DEFENSE PERSONNEL, LEADERSHIP), (*SOCIOLOGY, CIVIL DEFENSE SYSTEMS), ATTITUDES, BEHAVIOR, DECISION MAKING, POWER, URBAN AREAS, RURAL AREAS, POPULATION, PUBLIC OPINION, FALLOUT SHELTERS, STATISTICAL ANALYSIS, TABLES: IOWA (U)

COMMUNITY POWER ACTORS AND CIVIL DEFENSE. A DELINEATION OF COMMUNITY POWER ACTORS AND AN ANALYSIS OF THEIR CIVIL DEFENSE ATTITUDES, KNOWLEDGE, BEHAVIOR, AND SOURCES OF INFORMATION.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-624 161 5/11 15/3
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

ATTITUDES TOWARD CIVIL DEFENSE: AN EXAMINATION OF THE ATTRIBUTION OF MAXIMUM APPROVAL. (U)

OCT 65 82P SELDIN,J. ELLIOT I
CONTRACT: OCD-OS-63-48
TASK: 4812B

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), (*PUBLIC OPINION, CIVIL DEFENSE SYSTEMS), ATTITUDES, LEADERSHIP, COLD WAR, FALLOUT SHELTERS, SICIOLOGY, UNITED STATES, SAMPLING, STATISTICAL DATA, POPULATION, TABLES (U)

THE OBJECTIVE OF THE PAPER IS TO EXAMINE THE ATTITUDES TOWARD CIVIL DEFENSE THAT THE AMERICAN PUBLIC ATTRIBUTES TO VARIOUS GROUPS AND INDIVIDUALS. WE FIND THAT A SAMPLE OF THE AMERICAN PUBLIC BELIEVES THAT ALL THE GROUPS AND INDIVIDUALS WE ASK ABOUT IN OUR STUDY FEEL FAVORABLY TOWARD CIVIL DEFENSE. HOWEVER, SOME GROUPS ARE MUCH MORE FREQUENTLY CITED AS FAVORING CIVIL DEFENSE THAN OTHERS. THE RESPONDENTS' PERSONAL FEELINGS TOWARD CIVIL DEFENSE ARE ALSO HIGH FAVORABLE. THUS, ALTHOUGH THERE IS VARIATION IN ATTRIBUTION PATTERNS DEPENDENT UPON THE GROUP TO WHICH THE ATTRIBUTIONS ARE MADE AND THERE EXIST DIFFERENCES IN THE PERSONAL FEELINGS OF RESPONDENTS, MOST PEOPLE SUPPORT CIVIL DEFENSE AND MOST PEOPLE BELIEVE THAT A WIDE RANGE OF GROUPS AND INDIVIDUALS SUPPORT CIVIL DEFENSE. GIVEN THESE GENERAL RESULTS, WE FIND THAT ATTRIBUTION PATTERNS ALSO VARY ACCORDING TO THE POPULATION CHARACTERISTICS OF RESPONDENTS (E.G., AGE, SEX, INCOME, ETC.) AND THE PERSONAL ATTITUDES OF RESPONDENTS (THE MORE FAVORABLE ONE IS TOWARD CIVIL DEFENSE, THE MORE LIKELY HE IS TO BELIEVE OTHERS TO BE FAVORABLE). FINALLY, THE INFLUENCE OF PERSONAL FAVORABILITY UPON ATTRIBUTIONS IS MEDIATED BY POPULATION CHARACTERISTICS. HOLDING FAVORABILITY CONSTANT, ATTRIBUTION PATTERNS VARY ACCORDING TO THE PARTICULAR POPULATION CHARACTERISTICS OF RESPONDENTS. (AUTHOR) (U)

UNCLASSIFIED

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-624 702 15/3 14/1 12/2 18/3
RESEARCH TRIANGLE INST DURHAM N C OPERATIONS RESEARCH AND ECONOMICS DIV

A SENSITIVITY ANALYSIS OF SELECTED PARAMETERS BASED ON 8 SMSA'S. (U)

DESCRIPTIVE NOTE: FINAL REPT., VOL. 2,
OCT 65 74P SINK,H. RODNEY ;
REPT. NO. R-OU-157
PROJ: RTI-OU-157
TASK: 4113E

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, RADIOACTIVE FALLOUT), (*FALLOUT SHELTERS, CIVIL DEFENSE SYSTEMS), (*OPERATIONS RESEARCH, CIVIL DEFENSE SYSTEMS), MATHEMATICAL MODELS, PROGRAMMING(COMPUTERS), FEDERAL BUDGETS, RADIOLOGICAL DOSAGE, NUCLEAR WARFARE, COST EFFECTIVENESS, STATISTICAL ANALYSIS (U)

IN ORDER TO PERFORM A SENSITIVITY ANALYSIS OF SELECTED PARAMETERS OF INTEREST IN CIVIL DEFENSE SYSTEMS ANALYSIS, PROBABLE CASUALTIES ARE ESTIMATED FOR 8 SMSA'S OVER A RANGE OF FALLOUT ENVIRONMENTS AND SHELTER UTILIZATION PATTERNS. THE SELECTED PARAMETERS ARE: SMSA POPULATION, POPULATION DENSITY, AND RATIO OF SHELTER SPACES TO POPULATION; FALLOUT ARRIVAL TIME AND REFERENCE INTENSITY; AND RESTRICTIONS ON MOVEMENT OF PEOPLE TO SHELTER, LEADING TO VARYING PATTERNS OF SHELTER UTILIZATION. THE SMSA'S ARE SELECTED BY 'JUDGMENT SAMPLING' AND RANGE IN POPULATION FROM 74,000 TO 408,000. THE FALLOUT ENVIRONMENTS USED RANGE FROM A REFERENCE INTENSITY OF 600 R/HR AND 7 HOURS TIME OF ARRIVAL TO A REFERENCE INTENSITY OF 30,000 R/HR AND 1 HOUR TIME OF ARRIVAL. THE MOVEMENT-TOSHELTER RESTRICTIONS ARE: (1) MOVEMENT RESTRICTED TO THE STANDARD LOCATION (SL) OF RESIDENCE, (2) MOVEMENT RESTRICTED TO WITHIN TWO MILES OF THE SL OF RESIDENCE, AND (3) UNRESTRICTED MOVEMENT TO SHELTER ANYWHERE WITHIN THE SMSA. ALSO, (4) THE TRANSPORTATION ALGORITHM IS USED TO DETERMINE THE OPTIMAL (MINIMUM CASUALTY) ALLOCATION OF PEOPLE TO SHELTER FOR EACH TIME OF ARRIVAL AND REFERENCE INTENSITY COMBINATION. THIS ALLOCATION SERVES AS A BENCHMARK OF IDEALITY AGAINST WHICH TO MEASURE OTHER PATTERNS OF SHELTER UTILIZATION. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-624 706 15/3
STANFORD RESEARCH INST MENLO PARK CALIF

CIVIL DEFENSE IN GERMANY. (U)

OCT 65 54P MCGEE,ARTHUR A. I
CONTRACT: OCD-OS-63-184
PROJ: SRI-MU-4559
TASK: 2621A

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*WEST GERMANY, CIVIL DEFENSE SYSTEMS), (*CIVIL DEFENSE SYSTEMS, WEST GERMANY), LAW, GOVERNMENT(FOREIGN), WARNING SYSTEMS, MONITORS, FALLOUT SHELTERS, CIVIL DEFENSE PERSONNEL, EVACUATION, POPULATION, POLICE, HOSPITALS, INDUSTRIAL PRODUCTION, FOOD, TRANSPORTATION, WATER SUPPLIES (U)

THE REPORT CONTAINS THE RESULTS OF THE STUDY OF CIVIL DEFENSE PLANNING AND PREPARATION IN THE FEDERAL REPUBLIC OF GERMANY. THE STUDIES ARE PRIMARILY ORIENTED TOWARD DEFINING OPERATIONAL ORGANIZATION, ALTHOUGH POLICY, PLANNING, AND TRAINING ORGANIZATIONS THAT HAVE HAD A STRONG IMPACT IN PROMOTING THE GROWTH OF CIVIL DEFENSE PREPAREDNESS WERE ALSO INVESTIGATED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-624 870 15/3
DUNLAP AND ASSOCIATES INC DARIEN CONN

TRAINING REQUIREMENTS FOR POSTATTACK ADAPTIVE BEHAVIOR. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
DEC 65 114P TEAL,GILBERT E. ;FABRIZIO, RALPH A. ;BARNES,STANLEY M.;MOELLER,WILLIAM A. ;
REPT. NO. SSD-65-245 (546)

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, TRAINING), NUCLEAR WARFARE, SURVIVAL, FALLOUT SHELTERS, BEHAVIOR, POPULATION, EDUCATION, COMMUNICATION SYSTEMS, DISASTERS, MOTIVATION, LEARNING, LEADERSHIP, MANAGEMENT PLANNING (U)

THE STUDY IS AIMED AT (1) IDENTIFYING ACTIONS REQUIRED OF AND BENEFICIAL TO INDIVIDUALS IN A POST-ATTACK ENVIRONMENT AND (2) DEVELOPING GUIDELINES CONCERNING CONTENT AND METHODS OF TRAINING WHICH WOULD GENERATE ADAPTIVE BEHAVIOR. METHODS OF STUDY WERE LIMITED TO LITERATURE REVIEW AND SCIENTIFIC ARGUMENT. TWO MAJOR TRAINING OBJECTIVES ARE SPECIFIED: TRAINING TO MEET THE REQUIREMENTS OF INDIVIDUAL SURVIVAL; AND OF SOCIETAL RECOVERY. IT IS RECOMMENDED THAT TRAINING MATERIALS BE STOCKED IN PUBLIC SHELTERS TO SUPPORT THESE OBJECTIVES. POST-ATTACK SITUATIONS WILL REQUIRE THAT SUCH MATERIALS BE READILY AVAILABLE AND USED IN CONJUNCTION WITH ON-THE-SPOT TRAINING, AND THE CREATION AND COMMUNICATION OF SPECIFIC RECOVERY PLANS FOR LOCAL COMMUNITIES. IT IS ALSO RECOMMENDED THAT CERTAIN INFORMATION BASIC TO EDUCATION OF THE PUBLIC IN EMERGENCY MEASURES BE PREPARED FOR TIMELY USE IN MASS COMMUNICATION MEDIA AT SUCH TIMES AS CRISES OR DISASTERS PROVIDE THE ESSENTIAL MOTIVATION TO LEARN. IT IS SUGGESTED THAT TRAINING IS THE RESPONSIBILITY MAINLY OF LOCAL COMMUNITY POLITICAL AUTHORITY; THE EFFECTIVENESS OF TRAINING WILL DEPEND HEAVILY UPON THE DEGREE TO WHICH SUCH LEADERSHIP HAS THE KNOWLEDGE AND RESOURCES NECESSARY TO CONDUCT THIS FUNCTION. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-624 929 15/3
STANFORD RESEARCH INST MENLO PARK CALIF

SWISS CIVIL DEFENSE. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
NOV 65 50P MCGEE,ARTHUR A. ;
CONTRACT: OCD-OS-63-184
PROJ: SRI-4559

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, SWITZERLAND), COMMAND + CONTROL SYSTEMS, LAW, MANAGEMENT PLANNING, GOVERNMENT(FOREIGN), CIVIL DEFENSE PERSONNEL, TRAINING, MANPOWER STUDIES, ARMED FORCES(FOREIGN), SHELTERS (U)

THE REPORT CONTAINS THE RESULTS OF THE STUDY OF CIVIL DEFENSE PLANNING AND PREPARATION IN THE SWISS FEDERATION. THE STUDY IS PRIMARILY ORIENTED TOWARD DEFINING OPERATIONAL ORGANIZATION, ALTHOUGH POLICY, PLANNING, AND TRAINING ORGANIZATIONS THAT HAVE HAD A STRONG IMPACT IN PROMOTING THE GROWTH OF CIVIL DEFENSE PREPAREDNESS WERE ALSO INVESTIGATED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-625 172 15/3 13/2
PLANNING RESEARCH CORP LOS ANGELES CALIF

THE ECONOMIC FEASIBILITY OF DECENTRALIZED METROPOLITAN REGIONS. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
OCT 65 296P WOLTMAN,H. R. ;WOODFILL,
BARBARA ;BLUNT,KEITH ;DEIROSSI,JAMES ;
REPT. NO. PRC-D-796
CONTRACT: OCD-OS-62-278

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: SEE ALSO AD-426 925.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, URBAN AREAS), (*URBAN PLANNING, ECONOMICS), FEASIBILITY STUDIES, COSTS, POPULATION, DISTRIBUTION, DENSITY, HOUSING PROJECTS, TRANSPORTATION, PASSIVE DEFENSE (U)

THE PRECEDING PHASE OF THIS STUDY EXAMINED THE ROLE OF URBAN FORM AS A PASSIVE DEFENSE VARIABLE AND ESTABLISHED CRITERIA OF SPATIAL ARRANGEMENT AND DENSITY, WHICH WERE DESIGNED TO REDUCE METROPOLITAN VULNERABILITY TO NUCLEAR WEAPONS. THE RESULTING CONFIGURATION CONSISTS OF COMPACT, DISCRETE COMMUNITY UNITS HAVING POPULATIONS OF 100,000, SEPARATED FROM ONE ANOTHER BY 4 TO 7 MILES OF OPEN SPACE, AND GROUPED AROUND A CENTRAL OR CORE UNIT. SERVICES AND FACILITIES THAT ARE OBTAINABLE IN A METROPOLITAN AREA OF SEVERAL MILLION ARE MADE AVAILABLE IN THIS CONFIGURATION BY HIGH INTERCOMMUNITY MOBILITY. THE STUDY CONFIGURATION IS TAKEN TO BE THIS 'ORDERED SPRAWL' URBAN PATTERN. THE ECONOMIC FEASIBILITY OF THIS FORM OF REGIONAL CITY IS ASSESSED. THE FOCUS IS NECESSARILY ON COSTS, WHICH ARE TO SOME DEGREE MEASURABLE, AND ALTHOUGH COST DATA DIRECTLY PERTINENT TO THE IDEALIZATION DO NOT EXIST, IT IS POSSIBLE TO PROCEED INFERENTIALLY BY ANALYZING INFORMATION DERIVED FROM EXTANT METROPOLITAN AREAS. THE PRIMARY APPROACH IS THE SPECIFICATION OF A 'REFERENCE REGION' THAT INCORPORATES STRUCTURAL AND LINKAGE CHARACTERISTICS REPRESENTATIVE OF EXISTING URBAN AREAS, AND THE DIVISION OF THIS REGION INTO COMPONENTS THAT APPROXIMATE COMMUNITY UNITS OF THE STUDY CONFIGURATION. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZHML7

AD-631 613 5/10 15/3
MICHIGAN STATE UNIV EAST LANSING COLL OF COMMUNICATION ARTS

THE EFFECTS OF LOW CREDIBLE SOURCES ON MESSAGE ACCEPTANCE: FOUR EXPERIMENTAL STUDIES IN PERSUASION. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
MAR 66 37P GREENBERG,BRADLEY S. ;
MILLER,GERALD R. ;
REPT. NO. BG-1,

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*SOCIAL PSYCHOLOGY, *CIVIL DEFENSE SYSTEMS), INFORMATION THEORY, SOURCES, ATTITUDES, PUBLIC OPINION, REACTION(PSYCHOLOGY), FALLOUT SHELTERS (U)

THIS SERIES OF STUDIES PROVIDES EVIDENCE IN SUPPORT OF THE FOLLOWING PROPOSITIONS: (1) IF A MESSAGE IS TO BE TRANSMITTED TO AN AUDIENCE WHICH PERCEIVES THE MESSAGE SOURCE AS RELATIVELY LOW IN CREDIBILITY, THE MESSAGE WILL BE MORE EFFECTIVE IF THE IDENTIFICATION OF THE SOURCE IS DELAYED UNTIL AFTER EXPOSURE TO THE MESSAGE; (2) WHERE THE SOURCE OF A MESSAGE IS LIKELY TO BE PERCEIVED AS RELATIVELY LOW IN CREDIBILITY, THE MESSAGE WILL BE MORE EFFECTIVE WITHOUT ANY IDENTIFIED SOURCE THAN WITH THE LOW CREDIBLE SOURCE; (3) A MESSAGE WILL GENERALLY BE EFFECTIVE IN THE INTENDED MANNER, EVEN WITH A SOURCE PERCEIVED AS LOW CREDIBLE, IN COMPARISON WITH NO MESSAGE AT ALL; (4) WHEN THE SOURCE OF THE MESSAGE IS PERCEIVED BY SOME AUDIENCE AS HIGH IN CREDIBILITY, THE MESSAGE WILL BE MORE EFFECTIVE IF THE SOURCE IS IDENTIFIED BEFORE INDIVIDUALS ARE EXPOSED TO THE MESSAGE. THESE FINDINGS ARE CONFIRMED IN STUDIES DEALING WITH BOTH CIVIL DEFENSE TOPICS UNRELATED TO CIVIL DEFENSE. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-631 756 15/3 8/6
BUREAU OF THE CENSUS WASHINGTON D C

NATIONAL LOCATION CODE. OCD-DEF REGION 1. (U)

62 45PP
REPT. NO. FG-D-3.1/1.

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: FORMERLY REPT. NO. FG-IV-3.1/1.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, GEOGRAPHY), DAMAGE ASSESSMENT, POPULATION, URBAN AREAS, CONNECTICUT, MAINE, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PUERTO RICO, RHODE ISLAND, VERMONT, VIRGIN ISLANDS (U)

THE MANUAL ON THE NEW NATIONAL LOCATION CODE IS PUBLISHED FOR THE USE OF FEDERAL, STATE AND LOCAL CIVIL DEFENSE AND EMERGENCY PLANNING OFFICIALS WITH DAMAGE ASSESSMENT, RESOURCE EVALUATION OR SHELTER PLANNING RESPONSIBILITIES. THE MANUAL IS DESIGNED TO SERVE USERS IN TWO WAYS. FIRST, IT CAN BE USED AS A CONVENIENT SOURCE FOR THE GEOGRAPHIC COORDINATES OF NEW RESOURCES TO BE INCLUDED IN HAND OR COMPUTER DAMAGE ASSESSMENT SYSTEMS. SECOND, IT PROVIDES, IN A CONVENIENT FORM, THE INFORMATION ON DISTRIBUTION OF POPULATION THAT IS REQUIRED TO PREPARE REGION, STATE AND LOCAL ESTIMATES OF CASUALTIES RESULTING FROM ACTUAL OR ASSUMED ENEMY ATTACK. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-631 757 15/3 8/6
BUREAU OF THE CENSUS WASHINGTON D C

NATIONAL LOCATION CODE. OCD-OEP REGION 2. (U)

62 462P
REPT. NO. FG-D-3.1/2.

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: FORMERLY REPT. NO. FG-IV-3.1/2.
SEE ALSO AD-631 756.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, GEOGRAPHY),
DAMAGE ASSESSMENT, POPULATION, URBAN AREAS,
DELAWARE, DISTRICT OF COLUMBIA, KENTUCKY,
MARYLAND, OHIO, PENNSYLVANIA, VIRGINIA, WEST
VIRGINIA (U)

NATIONAL LOCATION CODE. OCD-OEP REGION 2:
DELAWARE, DISTRICT OF COLUMBIA, KENTUCKY, MARYLAND,
OHIO, PENNSYLVANIA, VIRGINIA, WEST VIRGINIA.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-631 758 15/3 8/6
BUREAU OF THE CENSUS WASHINGTON D C

NATIONAL LOCATION CODE. OCD-OEP REGION 3. (U)

62 41 P
REPT. NO. FG-D-3.1/3.

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: SEE ALSO AD-631 756.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, GEOGRAPHY), DAMAGE ASSESSMENT, POPULATION, URBAN STUDIES, ALABAMA, FLORIDA, GEORGIA, MISSISSIPPI, NORTH CAROLINA, PANAMA, SOUTH CAROLINA, TENNESSEE (U)

NATIONAL LOCATION CODE. OCD-OEP REGION 2: ALABAMA, CANAL ZONE, FLORIDA, GEORGIA, MISSISSIPPI, NORTH CAROLINA, SOUTH CAROLINA, TENNESSEE.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-631 759 15/3 8/6
BUREAU OF THE CENSUS WASHINGTON D C

NATIONAL LOCATION CODE. OCD-OEP REGION 4. (U)

62 442P
REPT. NO. FG-D-3.1/4.

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: FORMERLY REPT. NO. FG-IV-3.1/4.
SEE ALSO AD-631 756.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, GEOGRAPHY),
DAMAGE ASSESSMENT, POPULATION, URBAN AREAS,
ILLINOIS, INDIANA, MICHIGAN, MINNESOTA,
WISCONSIN (U)

NATIONAL LOCATION CODE. OCD-OEP REGION 4:
ILLINOIS, INDIANA, MICHIGAN, MINNESOTA, WISCONSIN.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-631 760 15/3 8/6
BUREAU OF THE CENSUS WASHINGTON D C

NATIONAL LOCATION CODE, OCD-OEP REGION 5. (U)

62 376P
REPT. NO. FG-D-3.1/5.

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: FORMERLY FG-IV-3.1/5. SEE ALSO AD-631 756.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, GEOGRAPHY), DAMAGE ASSESSMENT, POPULATION, URBAN AREAS, ARKANSAS, LOUISIANA, NEW MEXICO, OKLAHOMA, TEXAS (U)

THIS MANUAL ON THE NEW NATIONAL LOCATION CODE IS PUBLISHED FOR THE USE OF FEDERAL, STATE AND LOCAL CIVIL DEFENSE AND EMERGENCY PLANNING OFFICIALS WITH DAMAGE ASSESSMENT, RESOURCE EVALUATION OR SHELTER PLANNING RESPONSIBILITIES. THE MANUAL IS DESIGNED TO SERVE USERS IN TWO WAYS. FIRST, IT CAN BE USED AS A CONVENIENT SOURCE FOR THE GEOGRAPHIC COORDINATES OF NEW RESOURCES TO BE INCLUDED IN HAND OR COMPUTER DAMAGE ASSESSMENT SYSTEMS. SECOND, IT PROVIDES, IN A CONVENIENT FORM, THE INFORMATION ON DISTRIBUTION OF POPULATION THAT IS REQUIRED TO PREPARE REGION, STATE AND LOCAL ESTIMATES OF CASUALTIES RESULTING FROM ACTUAL OR ASSUMED ENEMY ATTACK. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-631 761 15/3 8/6
BUREAU OF THE CENSUS WASHINGTON D C

NATIONAL LOCATION CODE, OCD-OEP REGION 6. (U)

62 414P
REPT. NO. FG-D-3.1/6.

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: FORMERLY FG-IV-3.1/6. SEE ALSO AD-631 756.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, GEOGRAPHY), DAMAGE ASSESSMENT, POPULATION, URBAN AREAS, COLORADO, IOWA, KANSAS, MISSOURI, NEBRASKA, NORTH DAKOTA, SOUTH DAKOTA, WYOMING (U)

NATIONAL LOCATION CODE, OCD-OEP REGION 6: COLORADO, IOWA, KANSAS, MISSOURI, NEBRASKA, NORTH DAKOTA, SOUTH DAKOTA, WYOMING.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-631 762 15/3 8/6
BUREAU OF THE CENSUS WASHINGTON D C

NATIONAL LOCATION CODE, OCD-OEP REGION 7. (U)

62 233P
REPT. NO. FG-D-3.1/7.

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: FORMERLY FG-IV-3.1/7. SEE ALSO AD-631 756.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, GEOGRAPHY), DAMAGE ASSESSMENT, POPULATION, URBAN AREAS, ARIZONA, CALIFORNIA, HAWAII, NEVADA, UTAH, PACIFIC OCEAN ISLANDS (U)

NATIONAL LOCATION CODE, OCD-OEP REGION 7: ARIZONA, AMERICAN SAMOA, CALIFORNIA, GUAM, HAWAII, NEVADA, UTAH.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-631 763 15/3 8/6
BUREAU OF THE CENSUS WASHINGTON D C

NATIONAL LOCATION CODE, OCD-OEP REGION 8. (U)

62 188P
REPT. NO. FG-D-3.1/8,

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: FORMERLY FG-IV-3.1/8. SEE ALSO AD-631 756.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, GEOGRAPHY), DAMAGE ASSESSMENT, POPULATION, URBAN AREAS, ALASKA, IDAHO, MONTANA, OREGON, WASHINGTON(STATE) (U)

NATIONAL LOCATION CODE, OCD-OEP REGION 8: ALASKA, IDAHO, MONTANA, OREGON, WASHINGTON.

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-632 595 6/21 15/4 15/6
DEPARTMENT OF HEALTH EDUCATION AND WELFARE WASHINGTON D C

REVIEW OF COMBINED TRAUMA: RESEARCH, CLINICAL MANAGEMENT AND PLANNING, (U)

JAN 66 174P WILLIAMS,DEAN W. ;DUGGAR, BENJAMIN C. ;BURGER,EDWARD J.;CHAMBERLIN, HARRY S. ;
CONTRACT: OCD-OS-63-141,PH-86-64-134

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*NUCLEAR WARFARE CASUALTIES, *RADIATION INJURIES), CIVIL DEFENSE SYSTEMS, NUCLEAR WEAPONS, BURNS, RADIATION SICKNESS, RADIOACTIVE FALLOUT, BLAST, WOUNDS + INJURIES, INFECTIONS, ANTIBIOTICS, IMMUNITY, MEDICINE, THERAPY, SHOCK(PATHOLOGY), ARTIFICIAL RESPIRATION, ELECTROLYTES(PHYSIOLOGY), RADIOLOGICAL DOSAGE, DISASTERS, SURVIVAL, MEDICAL PERSONNEL, MANAGEMENT PLANNING, BIBLIOGRAPHIES (U)

THE REVIEW COVERS THE TOPIC OF COMBINED TRAUMA--RADIATION INJURY PLUS BURNS, PHYSICAL INJURY, AND/OR INFECTION. SINCE THIS CLASS OF CASUALTY IS ALMOST EXCLUSIVELY THE PRODUCT OF NUCLEAR WEAPONS EFFECTS, THE EMPHASIS OF THE REVIEW IS ON PRINCIPLES OF CLINICAL MANAGEMENT. MAJOR SECTIONS OF THE REVIEW ARE: (1) A CASUALTY MODEL, GENERATED TO ASSESS THE SIGNIFICANCE OF COMBINED TRAUMA RELATIVE TO OTHER FORMS OF INJURY. (2) A REVIEW OF CLINICAL MANAGEMENT PRINCIPLES FOR CARE OF COMBINED TRAUMA PATIENTS. (3) CLINICAL GUIDES TO THE CARE OF RADIATION, BURN, AND INFECTION CASUALTIES. (4) A REVIEW OF THE RECENT COMBINED TRAUMA RESEARCH, AND (5) A SUMMARY OF PLANNING MEASURES DESIGNED TO ASSIST IN PREPAREDNESS FOR DISASTER MEDICAL CARE. AN EXTENSIVE BIBLIOGRAPHY IS ALSO INCLUDED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-632 865 6/5 15/3 13/2 15/1
RESEARCH TRIANGLE INST DURHAM N C OPERATIONS RESEARCH AND ECONOMICS DIV

ENVIRONMENTAL HEALTH PLANNING FOR POSTATTACK CONDITIONS: SOME PROBLEMS, PROGRAMS, AND PRIORITIES. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
APR 66 80P SALMON,RAPHAEL J. ;
REPT. NO. R-OU-197,
CONTRACT: PH-86-65-16

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*MANAGEMENT PLANNING, *PUBLIC HEALTH), (*PUBLIC HEALTH, NUCLEAR WARFARE), CIVIL DEFENSE SYSTEMS, OPERATIONS RESEARCH, DISEASES, DISEASE VECTORS, SURVIVAL, FOOD, HOUSING, WATER SUPPLIES, WASTES(SANITARY ENGINEERING), NUCLEAR WARFARE CASUALTIES (U)
IDENTIFIERS: POSTATTACK OPERATIONS (U)

CONDITIONS IMPOSED BY MASSIVE NUCLEAR ATTACK CAN BE EXPECTED TO DISRUPT NORMAL ENVIRONMENTAL HEALTH SERVICES OF COMMUNITIES THROUGHOUT THE UNITED STATES, AND TO THREATEN THE HEALTH OF SURVIVING POPULATION. THIS STUDY DEVELOPS A FRAMEWORK TO HELP DECISION-MAKERS EVALUATE POSTATTACK CONDITIONS RELATIVE TO ENVIRONMENTAL HEALTH. REVIEW AND ANALYSIS OF EXISTING INFORMATION ON PROBABLE POSTATTACK CONDITIONS AS THEY MIGHT AFFECT, AND BE AFFECTED BY, PERSONNEL OF LOCAL HEALTH DEPARTMENTS, PUBLIC HEALTH ORGANIZATION, AND RESOURCE MANAGEMENT PRACTICES IS PRESENTED. ANTICIPATED POSTATTACK ENVIRONMENTAL HEALTH PROBLEMS ARE IDENTIFIED, AND PRIORITY JUDGMENTS ARE MADE ON A COMPARATIVE BASIS IN TERMS OF LEVEL OF GRAVITY. RATIONALE SUPPORTING THE JUDGMENTS IS INCLUDED, AND BOTH ACTION AND RESEARCH PROGRAMS TO IMPROVE PREPAREDNESS ARE RECOMMENDED. IMPORTANT SOURCES OF DATA PRESCRIBED FOR THIS STUDY WERE THE REPORTS AND WORKING PAPERS OF AN EARLIER U. S. PUBLIC HEALTH SERVICE PROJECT, 'ENVIRONMENTAL HEALTH PROBLEMS IN THE POST SHELTER PERIOD'. IN ADDITION, FOUR CITY HEALTH DEPARTMENTS WERE VISITED TO ASSIST IN ANALYSIS OF NORMAL ENVIRONMENTAL HEALTH CONDITIONS RELATIVE TO THOSE EXPECTED IN A POSTATTACK RECOVERY PERIOD AND OF THE ABILITY OF A LOCAL HEALTH AGENCY TO COPE WITH PROJECTED CONDITIONS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-635 150 5/11 15/3
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

IMPACT OF THE CUBAN MISSILE CRISIS. PATTERNS OF PUBLIC RESPONSE. (U)

FEB 66 85P MAST, ROBERT H. ;
CONTRACT: OCD-PS-64-61,
TASK: 48-21-C,

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*COLD WAR, PUBLIC OPINION), (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), ATTITUDES, POPULATION, UNITED STATES, CUBA, RESPONSE, REACTION(PSYCHOLOGY), PERCEPTION(PSYCHOLOGY), NUCLEAR WARFARE, DECISION MAKING, FALLOUT SHELTERS, DISARMAMENT NXIETY, BEHAVIOR, SOCIOLOGY, STATISTICAL DATA (U)

THE REPORT EXAMINES THE IMPACT OF A CRITICAL EVENT ON THE AMERICAN PUBLIC AND ATTEMPTS TO ASSESS THE SUBSTANCE AND DYNAMIC OF THE PUBLIC'S RESPONSE TO THE RESULTING CRISIS SITUATION WITH SPECIAL EMPHASIS ON RSPONSES ASSOCIATED WITH CIVIL DEFENSE MEASURES. THE EVENT INVOLVED WAS THE CUBAN MISSILE CISIS OF 1962 WHICH PRODUCED A PERIOD OF SEVERE INTERNATIONAL TENSION. IN A 1963 SAMPLE, AMERICANS WERE ASKED IF THEY HAD ENGAGED IN ANY OF SIX CRISIS RELATED ACTIVITIES DURING THE CUBAN CRISIS. THESE ACTIVITIES COMPRISED EFFORTS TO RESPOND IN SOME MEANINGFUL FASHION TO THE THREAT POSED BY THE CRISIS. PATTERNS OF RESPONSE WERE EXAMINED, BOTH FOR OVERALL DISTRIBUTIONS AMONG THE SIX ATIVITIES AND FOR PAIRED SETS OF ACTIVITIES. INDIVIDUALS IN THE SAMPLE WERE CLASSIFIED BY THEIR DEGREE OF PARTICIPATION IN THE VARIOUS ACTIVITIES. THOSE WHO HAD ENGAGED IN 'ANY ACTIVITY' WERE COMPARED WITH THOSE WHO HAD NOT, AND THOSE WHO HAD ENGAGED IN EACH OF THE SIX SEPARATE ACTIVITIES WERE COMPAED WITH EACH OTHER, THE SUB-TOTALS AND THE FIFTEEN SETS OF PAIRED ACTIVITIES AS WELL. THESE COMPARISONS WERE MADE WITH REGARD TO PERSONAL CHARACTERISTICS THAT SERVED TO LOCATE INDIVIDUALS IN THE OVERALL SOCIAL STRUCTURE AND ALSO WITH REGARD TO PERSONAL ATTITUDES DEEMED TO BE OF RELEVANCE FOR CRISIS RESPONSE. DIFFERENCES IN CRISIS RESPONSE WERE FOUND AND THEY ESTABLISHED SUMMARY PATTERNS THAT ARE OF THEORETICAL INTERST. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-637 167 15/3 5/11
MICHIGAN STATE UNIV EAST LANSING DEPT OF COMMUNICATION

THE DEVELOPMENT OF VALUES AND BELIEFS IN YOUNG AMERICANS TOWARD FALLOUT SHELTERS AND CIVIL DEFENSE. (U)

DESCRIPTIVE NOTE: PILOT STUDY REPT. NO. 1.
JAN 66 90P GREENBERG,BRADLEY S. ;
PETTERSEN,DUANE ;KOCHEVAR,JOHN ;

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: REPT. ON COMMUNICATION RESEARCH.

DESCRIPTORS: (*FALLOUT SHELTERS, *PUBLIC OPINION), CHILDREN, ADOLESCENTS, ATTITUDES, CIVIL DEFENSE SYSTEMS, SOCIAL SCIENCES, CULTURE, STATISTICAL ANALYSIS (U)

WHAT KINDS OF BELIEFS AND OPINIONS DO YOUNGSTERS IN THEIR PRE-TEEN AND TEENAGE YEARS HAVE TOWARD FALLOUT SHELTERS AND CIVIL DEFENSE. 327 EIGHTH AND TWELFTH GRADERS WROTE EXTEMPORANEOUS ESSAYS ON 'WHAT I KNOW ABOUT FALLOUT SHELTERS'. ATTITUDES TOWARD THIS TOPIC WERE ASSESSED BY TRAINED CODERS ON THE BASIS OF THEIR DEGREE OF FAVORABILITY TOWARDS FALLOUT SHELTERS IN GENERAL, PRIVATE SHELTERS, PUBLIC SHELTERS AND CIVIL DEFENSE. EACH OF THE ATTITUDES WAS RELATED TO AGE, SEX, RACE, SOCIAL CLASS AND PERSONAL ABILITY OF THE YOUNGSTERS. GENERALLY, YOUNGSTERS HOLD FAVORABLE ATTITUDES TOWARD BOTH FALLOUT SHELTERS AND CIVIL DEFENSE, AND THESE EXPRESSED ATTITUDES ARE STRONGLY HELD. IN TERMS OF AGE, THE YOUNGER STUDENTS ARE MORE FAVORABLE TOWARD BOTH TYPES OF SHELTERS AND CIVIL DEFENSE IN GENERAL. SEX DIFFERENCES WERE INSIGNIFICANT; HOWEVER, BOYS TENDED TO BE SOMEWHAT LESS FAVORABLE. ATTITUDES OF WHITE AND NON-WHITE YOUNGSTERS WERE STRIKINGLY DIFFERENT WITH NON-WHITE STUDENTS CONSISTENTLY EXPRESSING MORE FAVORABLE ATTITUDES TOWARD BOTH SHELTERS AND CIVIL DEFENSE. SOCIAL CLASS APPEARED TO BE UNRELATED TO ATTITUDES EXPRESSED ON THIS TOPIC. A THIRD SIGNIFICANT CORRELATE OF ATTITUDES WAS PERSONAL ABILITY. THE MORE ABLE STUDENTS WITHHOLD SUPPORT FROM BOTH SHELTERS AND CIVIL DEFENSE, WHILE THE LESS ABLE ON HIGHLY FAVORABLE. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-637 168 15/3 5/11
MICHIGAN STATE UNIV EAST LANSING DEPT OF COMMUNICATION

THE DEVELOPMENT OF VALUES AND BELIEFS IN YOUNG AMERICANS TOWARF FALLOUT SHELTERS AND CIVIL DEFENSE. (U)

DESCRIPTIVE NOTE: PILOT STUDY REPT. NO. 2.
MAY 66 73P GREENBERG,BRADLEY S. ;
PETTERSEN,DUANE ;KOCHEVAR,JOHN ;

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: REPT. ON COMMUNICATION RESEARCH. SEE ALSO AD-637 167.

DESCRIPTORS: (•FALLOUT SHELTERS, •PUBLIC OPINION), CHILDREN, ADOLESCENTS, ATTITUDES, CIVIL DEFENSE SYSTEMS, SOCIAL SCIENCES, CULTURE, STATISTICAL ANALYSIS (U)

THIS IS THE SECOND OF THREE REPORTS CONCERNING THE ATTITUDES EXPRESSED BY AMERICAN YOUNGSTERS TOWARD FALLOUT SHELTERS AND CIVIL DEFENSE. THE PRESENT STUDY FOCUSSED ON THE COMBINED EFFECTS OF AGE, SEX, RACE AND PERSONAL ABILITY ON THEIR OPINIONS. WHEN THESE VARIABLES ARE CONTROLLED SINGLY AND TOGETHER IN ANALYZING OPIONIONS, WE FIND THE FOLLOWING: IN TERMS OF AGE, YOUNGER STUDENTS WERE MORE FAVORABLE TO FALLOUT SHELTERS AND CIVIL DEFENSE WITH NO CHANGES INTRODUCED BY CONTROLLING FOR OTHER VARIABLES. RACE ALSO REMAINED HIGHLY CORRELATED WITH ATTITUDES, AFTER CONTROLLING OTHER FACTORS. NON-WHITE YOUNGSTERS WERE GENERALLY FAVORABLE THAN WHITE YOUNGSTERS, BUT THE DIFFERENCE WAS MOST PRONOUNCED AMONG THE OLDER NON-WHITES. PERSONAL ABILITY ACCOUNTED FOR DIFFERENCES IN ATTITUDE TOWARD FALLOUT SHELTERS AND CIVIL DEFENSE. THE HIGHER ABILITY STUDENTS, ESPECIALLY THE OLDER ONES, WERE LESS FAVORABLE TOWARD THE TWO OPINION AREAS. SEX WAS A WEAK, NEGLIGIBLE CORRELATE OF THESE ATTITUDES, AND SEX DID NOT INTERACT WITH THE OTHER VARIABLES. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-637 766 15/3 5/1
SYSTEM DEVELOPMENT CORP SANTA MONICA CALIF

EMERGENCY OPERATIONS SIMULATION RESEARCH. (U)

DESCRIPTIVE NOTE: FINAL REPT.
MAY 66 120P CUSACK,B. L. ;FLINT,RHEA ;
GIBBONS,R. D. ;HANEY,T. P. ;SWAVELY,D. C. ;
REPT. NO. TM(L)-2938/001/00,

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, MANAGEMENT PLANNING), SIMULATION, DECISION MAKING, DISASTERS, FALLOUT SHELTERS, TRAINING, DISPLAY SYSTEMS (U)

CONTENTS: A DISCUSSION OF OPERATIONS SIMULATION AND ITS ROLE AS AN APPLIED RESEARCH TOOL; THE ESTABLISHMENT OF THE RESEARCH FACILITY AND MODEL ENVIRONMENT; EMERGENCY ACTION DECISION EXPERIMENTS; THE STUDY OF VARIOUS DISPLAY AND SPECIAL SIMULATION EQUIPMENTS. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-637 767 15/3 9/2 5/1
SYSTEM DEVELOPMENT CORP SANTA MONICA CALIF

DATA PROCESSING FOR LOCAL CIVIL DEFENSE: AN INVESTIGATION OF THE POTENTIALS. (U)

DESCRIPTIVE NOTE: TECHNICAL MEMO.
MAY 66 61P CUSACK,B. L. ;
REPT. NO. TM(L)-2938/002/00.

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, MANAGEMENT PLANNING), (*DATA PROCESSING SYSTEMS, CIVIL DEFENSE SYSTEMS), CIVIL DEFENSE PERSONNEL, DECISION MAKING, COMPUTERS, SURVIVAL (U)

AN INVESTIGATION OF THE POTENTIAL APPLICATIONS OF ELECTRONIC DATA-PROCESSING EQUIPMENT FOR LOCAL CIVIL DEFENSE FUNCTIONS. DIRECTED SPECIFICALLY TOWARD THE VIEWPOINT OF THE LOCAL CIVIL DEFENSE DIRECTOR, THE REPORT PRESENTS THE SYSTEM CONSIDERATIONS REQUIRED TO DETERMINE THE TIME PERIOD(S) DURING WHICH SUCH EQUIPMENTS SHOULD BE USED; POSES QUESTIONS, GIVES ANSWERS AND DISCUSSES THE RANGE OF POTENTIAL APPLICATIONS, THE CONSTRAINTS AND CONSIDERATIONS OF INFORMATION SYSTEMS, AND MANAGEMENT AND OPERATIONAL FACTORS; AND, FINALLY RECOMMENDS THE COURSE OF ACTION TO FOLLOW REGARDING FURTHER RELATED STUDIES. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-637 900 15/3 5/4
INSTITUTE FOR DEFENSE ANALYSES ARLINGTON VA ECONOMIC AND POLITICAL STUDIES DIV

U. S. CIVIL DEFENSE BEFORE 1950: THE ROOTS OF PUBLIC LAW 920. (U)

DESCRIPTIVE NOTE: SUMMARY REPT.
MAY 66 192P JORDAN,NEHEMIAH ;
REPT. NO. STUDY-S-212;IDA/HQ-65-3756
CONTRACT: OCD-OS-63-134.

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *UNITED STATES); LAW, HISTORY, SOCIAL SCIENCES, PSYCHOLOGY, PUBLIC OPINION, POLITICAL SCIENCE, MANAGEMENT PLANNING, GREAT BRITAIN, LEADERSHIP, UNITED STATES GOVERNMENT (U)
IDENTIFIERS: KOREA (U)

THE HISTORIC BACKGROUND OF PUBLIC LAW 920, THE CIVIL DEFENSE ACT OF 1950, IS EXAMINED IN ORDER TO ILLUMINATE THE CAUSES OF THE DIFFICULTIES NOW CONFRONTING THOSE CONCERNED WITH NATIONAL CIVIL DEFENSE IN THEIR EFFORTS TO ESTABLISH AN OPERATIONAL OR POTENTIALLY OPERATIONAL CIVIL DEFENSE ORGANIZATION. THE HYPOTHESIS OF THE STUDY IS THAT MANY OF THESE DIFFICULTIES ARE AN INHERITANCE OF A FORGOTTEN PAST. THE STUDY OF THIS PERIOD SHOWS THAT MANY OF THE EVENTS LEADING UP TO THE ENACTMENT OF THIS LAW, AS WELL AS THE INTENT OF THOSE INVOLVED IN ITS LEGISLATION, ARE PROBABLY RADICALLY MISUNDERSTOOD AT PRESENT. UNDERSTANDING OF EVENTS PRIOR TO THE ENACTMENT OF THE LAW SHEDS MUCH LIGHT ON MANY CURRENT DEFENSE DIFFICULTIES AND, AS SUCH, IS USEFUL FOR FUTURE PLANNING. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-639 751 15/3
HUDSON INST INC HARMON-ON-HUDSON N Y

METHODOLOGY FOR POSTATTACK RESEARCH. (U)

DESCRIPTIVE NOTE: RESEARCH REPT.,
AUG 66 46P AYRES,ROBERT U. ;
REPT. NO. HI-647-RR,

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, SCIENTIFIC RESEARCH), BEHAVIOR, SOCIOLOGY, RADIATION EFFECTS, NUCLEAR EXPLOSION DAMAGE (U)

THE REPORT DISCUSSES THE METHODOLOGY OF POSTATTACK RESEARCH. A HIERARCHICAL APPROACH IS DESCRIBED, IN WHICH THE OBJECTS OF ANALYSIS RANGE FROM SIMPLE ORGNAISMS AND ARTIFACTS TO COMPLEX HUMAN SOCIETIES AND ECOSYSTEMS. THE NOTION OF 'RESPONSE' TO A PERTURBATION WHICH IS APPROPRIATE FOR SIMPLE SYSTEMS IS EXTENDED TO ENCOMPASS THE WIDER NOTION OF 'DISUTILITY' IN DESCRIBING THE EFFECTS OF A NUCLEAR ATTACK ON THE ECONOMY OR THE SOCIETY OF THE NATION AS A WHOLE. THE APPROPRIATE USES OF DEVICES SUCH AS SCENARIOS, GAMES, CASE HISTORIES, METAPHORS AND MODELS FOR VARIOUS PURPOSES IS DISCUSSED. THE MAJOR POINT IS THAT NON-RIGOROUS CONSTRUCTS MAY BE EXTREMELY HELPFUL IN TRAINING, RAISING THE LEVEL OF THE DISCUSSION, AND GENERATING INSIGHTS, BUT CANNOT BE USED FOR PREDICTIVE PURPOSES AS MODELS CAN. A 'STATE-OF-THE-ART' ESTIMATE OF VARIOUS MODELS IS INCLUDED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-640 206 15/3
FEDERAL AVIATION AGENCY WASHINGTON D C

DEFENSE READINESS: SELECTED REFERENCES. (U)

MAR 64 42P
REPT. NO. BIBLIOGRAPHIC LIST-11.

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE:

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, BIBLIOGRAPHIES), CIVIL DEFENSE PERSONNEL, TRAINING, FALLOUT SHELTERS, COMMUNICATION SYSTEMS, TRANSPORTATION, PUBLIC HEALTH, PSYCHOLOGY, MEDICINE, RADIOLOGICAL CONTAMINATION, RADIATION MONITORS, DECONTAMINATION, CIVIL AVIATION, SURVIVAL, AGRICULTURE, INDUSTRIES (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-641 989 5/10 15/3
SIMULMATICS CORP NEW YORK

CRISIS LEVEL AND CIVIL DEFENSE ATTITUDES. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
MAY 66 63P POPKIN,SAMUEL L. ;
TASK: 4813A

UNCLASSIFIED REPORT

DESCRIPTORS: (*ATTITUDES, *CIVIL DEFENSE SYSTEMS), PUBLIC OPINION, PSYCHOMETRICS, ANALYSIS OF VARIANCE, WARFARE (U)

COMPARATIVE SURVEY ANALYSIS WAS USED TO RELATE PUBLIC OPINIONS ABOUT CIVIL DEFENSE TO THE LEVEL OF INTERNATIONAL TENSION. TWELVE CLUSTERS OF SIMILAR QUESTIONS FROM NATIONAL SURVEYS TAKEN BETWEEN 1952 AND 1964 WERE ANALYZED TO DETERMINE IF THERE WERE ANY SIGNIFICANT VARIATIONS BETWEEN SURVEYS THAT COULD BE ACCOUNTED FOR BY CHANGES IN THE LEVEL OF INTERNATIONAL TENSION. CLUSTERS MOST SIGNIFICANTLY RELATED TO THE TENSION LEVEL WERE IMMINENCE OF WAR AND HOME PREPARATIONS FOR ATTACK. IN GENERAL IT IS CONCLUDED THAT IT OFTEN IS MORE IMPORTANT TO HAVE HIGH CONTINUITY BETWEEN SURVEYS IN QUESTIONS ASKED AND TO HAVE HIGH FLEXIBILITY IN THE TIMING OF SURVEYS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-642 145 15/3 5/1
HUDSON INST INC HARMON-ON-HUDSON N Y

MANAGEMENT REQUIREMENTS FOR CRISIS CIVIL DEFENSE PROGRAMS. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
SEP 64 36P ROCKETT,FREDERICK C. ;
REPT. NO. HI-612-RR
TASK: 4211-C

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *MANAGEMENT ENGINEERING), SURVIVAL, SPECIFICATIONS, MANAGEMENT PLANNING, ECONOMICS, RECOVERY (U)

MANAGING CRISIS PREPARATIONS FOR CIVIL DEFENSE IS SEEN AS A MAJOR TASK REQUIRING PEACETIME PREPARATIONS. CONSIDERABLE MANAGEMENT FLEXIBILITY WOULD BE REQUIRED BECAUSE CIVIL DEFENSE PREPARATIONS HAVE SEVERAL POTENTIAL PROGRAMS. BEYOND SURVIVAL MEASURES THERE ARE SUCH POSSIBLE CRISIS PROGRAMS AS RECOVERY, WELFARE, AND COMMAND AND CONTROL. EACH CRISIS PROGRAM MIGHT HAVE SEVERAL VERSIONS WITH DIFFERENT IMPLEMENTATION TIMES AND MEASURES. CRISIS CONDITIONS COULD AFFECT THE FEASIBILITY OF CRISIS PROGRAMS ADDING TO THE REQUIREMENT FOR FLEXIBILITY. IN PLANNING THE MANAGEMENT OF CRISIS CIVIL DEFENSE EFFORTS, OVER-ALL IMPLEMENTATION STRATEGIES MIGHT HAVE VALUE. THREE IMPLEMENTATION STRATEGIES ARE DISCUSSED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-643 719 15/3 5/11
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

CIVIL DEFENSE AND SOCIETY. (U)

DESCRIPTIVE NOTE: INTERIM REPT.,
JUN 63 263P NEHNEVAJSA,JIRI ;
CONTRACT: OCD-OS-62-267

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, EFFECTIVENESS), (*SOCIOLOGY, CIVIL DEFENSE SYSTEMS), PROBABILITY, COSTS, PUBLIC OPINION, DECISION MAKING, SURVIVAL, ENVIRONMENT, COMPATIBILITY, DISARMAMENT, DETERRENCE, COLD WAR, STRESS(PSYCHOLOGY), FEDERAL BUDGETS, ARMS CONTROL (U)

FIRST OF ALL, THE AUTHOR CONSIDERS PROBLEMS OF EFFECTIVENESS OF ANY CIVIL DEFENSE PROGRAM. THIS HAS TO DO WITH THE CAPABILITY OF A PROGRAM TO ATTAIN, TO A REASONABLE DEGREE, ITS OWN OBJECTIVES. SECONDLY, HE LOOKS AT THE IMPACT OF CIVIL DEFENSE UPON THE COLD WAR. THESE, AS IT WERE, ARE EFFECTS WHICH WE MAY BUY BY ADOPTING MEASURES TO PROTECT OUR POPULATION. THEY HAVE TO DO WITH THE FACT THAT SOME NATIONAL RESOURCES MAY HAVE TO BE DIVERTED FROM OTHER PROGRAMS; THAT CONFLICT BETWEEN PEACE AND WAR-PREPARATIONS MAY EXIST IN REALITY, OR IN PERCEPTIONS OF PEOPLE (COGNITIVE DISSONANCE PROBLEM); THAT CIVIL DEFENSE MAY CONTRIBUTE TO DETERRENCE EITHER DIRECTLY OR THROUGH ITS EFFECT UPON CREDIBILITY OF USE OF NUCLEAR WEAPONS; THAT IT MAY INCREASE THE PROSPECTS FOR WAR. THIRDLY, HE CONSIDERS THE EFFECTS OF CIVIL DEFENSE UPON AMERICANS AND UPON THE NATURE OF OUR SOCIETY. THESE ARE KEY STANDARDS AGAINST WHICH THE FEASIBILITY, WORTH, AND MEANING OF ALTERNATIVE PROGRAMS HAVE TO BE EVALUATED. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-644 619 15/3
SYSTEM DEVELOPMENT CORP SANTA MONICA CALIF

A STATE CIVIL DEFENSE TRAINING PLAN: AN ORGANIZATION AND TRAINING DEVELOPMENT RESEARCH STUDY. (U)

DESCRIPTIVE NOTE: TECHNICAL MEMO.,
SEP 66 345P GORDON,J. J. IBUSTYA,C. ;
STREICH,E. R. ;
REPT. NO. TM-3099/000/01

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, TRAINING), (*CIVIL DEFENSE PERSONNEL, INSTRUCTION MANUALS), MANAGEMENT ENGINEERING, DISASTERS, FIRES, SYSTEMS ENGINEERING, FIRE SAFETY, WARFARE (U)

A FULLY DETAILED AND COMPREHENSIVE EXAMINATION OF STATE CIVIL DEFENSE TRAINING. IT INCLUDES A SURVEY OF STATES, WHICH WAS UNDERTAKEN TO DETERMINE THE ARRAY OF DIFFERENT STATE AGENCY ORGANIZATIONAL STRUCTURES. USING IT AS A BASIS, SPECIFIC STATES WERE SELECTED FOR INTENSIVE STUDY AND DATA COLLECTION. UTILIZING THE DATA OBTAINED, AN ANALYSIS OF THE EMERGENCY TASKS OF EACH STATE AGENCY IS PERFORMED, TRAINING REQUIREMENTS SPECIFIED, PERSONNEL TO BE TRAINED DESIGNATED, AND TRAINING METHODS DESCRIBED. IN ADDITION ALTERNATIVE TRAINING PROBLEMS BASED UPON DIFFERENT FUNDING AND TIMING ASSUMPTIONS ARE PROPOSED AND EXAMINED; A 'CRISIS PREPARATION' PROGRAM IS DESCRIBED; AND A SPECIFIC EXAMPLE OF EMERGENCY SERVICE TRAINING USING THE FIRE SERVICE IS OUTLINED. FINALLY, SUGGESTIONS FOR FURTHER RESEARCH ARE PRESENTED. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-646 150 15/3 5/9
STANFORD RESEARCH INST MENLO PARK CALIF

OCCUPATIONAL SKILLS AND CIVIL DEFENSE, (U)

SEP 66 82P BROWN,STEPHEN L. ;
PROJ: SRI-MU-4949-350

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, MANPOWER STUDIES), (*EMPLOYMENT, INDUSTRIES), JOB ANALYSIS, LABOR, INDUSTRIAL PLANTS, POPULATION, SURVIVAL, TECHNICIANS, CLASSIFICATION, SAMPLING, CIVILIAN PERSONNEL, INDUSTRIAL RESEARCH (U)

DETAILED KNOWLEDGE OF LOCAL DISTRIBUTIONS OF INDUSTRIAL SKILLS AND NATIONWIDE PATTERNS OF EMPLOYMENT IS USEFUL PREATTACK IN ANALYZING INDUSTRIAL VULNERABILITY AND POSTATTACK IN ALLOCATING LABOR RESOURCES. A METHOD FOR ESTIMATING OCCUPATION-INDUSTRY DISTRIBUTION, BY CENSUS TRACT, IS PROPOSED AND USED IN A HYPOTHETICAL ATTACK ON SAN JOSE, CALIFORNIA, TO INVESTIGATE SELECTIVE SURVIVAL OF OCCUPATIONAL SKILLS. A MATRIX OF OCCUPATIONS, BY INDUSTRY, IS PRESENTED FOR THE ENTIRE UNITED STATES. THE TYPES OF ANALYSES THAT CAN BE UNDERTAKEN USING THE MATRIX ARE DISCUSSED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-646 996 5/10 15/3 13/13
SIMULMATICS CORP CAMBRIDGE MASS

EVALUATION OF COMMUNITY RESPONSE TO FPHS PROGRAM. (U)

DESCRIPTIVE NOTE: FINAL REPT., 14 MAR-30 DEC 66,
DEC 66 56P POOL,ITHIEL DE SOLA ;YATES, JULES D. ;WESTLAKE,M. ;

UNCLASSIFIED REPORT

DESCRIPTORS: (*ATTITUDES, *CIVIL DEFENSE SYSTEMS), PUBLIC OPINION, QUESTIONNAIRES, HOUSING, BUILDINGS, FALLOUT SHELTERS, SHIELDING, PSYCHOMETRICS, REACTION(PSYCHOLOGY) (U)
IDENTIFIERS: EVALUATION (U)

TWO SURVEYS WERE CONDUCTED TO EVALUATE THE RESPONSE IN RHODE ISLAND TO A QUESTIONNAIRE ON EVALUATION OF FALLOUT PROTECTION IN HOMES. (FPHS) RECEIPT OF THE FPHS QUESTIONNAIRE DID NOT SIGNIFICANTLY CHANGE ATTITUDES TOWARD CIVIL DEFENSE PROGRAMS, NOR DID IT RAISE THE LEVEL OF ANXIETY IN THE COMMUNITY. RECEIPT OF REPLIES TO THE HOUSEHOLDERS' RESPONSES (WHICH PRECEDED THE SECOND SURVEY) DID RAISE THE LEVEL OF AWARENESS ABOUT CIVIL DEFENSE, WITHOUT SIGNIFICANTLY CHANGING THE LEVEL OF ANXIETY OR CHANGING THE ACTIVITY OF HOUSEHOLDERS WITH REGARD TO A FALLOUT SHELTER PROGRAM. THE FPHS QUESTIONNAIRE PROGRAM, WHILE USEFUL IN ELICITING INFORMATION, CANNOT BY ITSELF SERVE TO ENCOURAGE ACTION (TO ANY USEFUL DEGREE) BY THE PUBLIC WITH REGARD TO FALLOUT SHELTERS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-647 ~30 18/4 15/3
GAUTNEY AND JONES COMMUNICATIONS INC WASHINGTON, D C

INSTALLATION AND TESTING OF AN AUTOMATIC . OTE
RADIOLOGICAL MONITORING SYSTEM. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
JUL 66 127P HARRIES,WILLIAM S. ;METZLER,
ROBERT E. ;LAWSON,MELVIN E. , JR;
REPT. NO. TR-66.0201.003

UNCLASSIFIED REPORT

DESCRIPTORS: (*RADIATION MONITORS, AUTOMATIC),
TELEMETER SYSTEMS, CIVIL DEFENSE SYSTEMS, DATA
TRANSMISSION SYSTEMS, REMOTE CONTROL SYSTEMS (U)

AN AUTOMATIC REMOTE RADIOLOGICAL MONITORING
SYSTEM WHICH WAS DEVELOPED WAS INSTALLED IN A
COMMUNITY AND TESTED FOR OPERATIONAL CHARACTERISTICS.
THE SYSTEM AS DELIVERED WAS CAPABLE OF BEING
OPERATED VIA LANDLINE TELEMETRY LINKS BUT
CONSIDERABLE ENGINEERING EFFORT WAS REQUIRED TO
EFFECT AN INTERFACE WITH A VHF RADIO LINK.
EXTENSIVE MODIFICATION OF BOTH THE BASE STATION AND
REMOTE STATION TRANSCEIVERS AS WELL AS THE MONITORING
EQUIPMENT WAS PERFORMED. WHEN THE RADIO TELEMETRY
PROBLEMS HAD BEEN SOLVED, THE SYSTEM WAS DEPLOYED IN
MONTGOMERY COUNTY, MARYLAND, WHICH COMPRISES AN
AREA OF APPROXIMATELY FIVE HUNDRED SQUARE MILES.
THE UNITS WERE INSTALLED ON COUNTY SCHOOL
PROPERTIES DISTRIBUTED THROUGHOUT THE COUNTY, AND
THE DEPLOYMENT PATTERN INCLUDES PATH LENGTHS RANGING
FROM THREE AND ONE HALF TO FIFTEEN AND ONE HALF MILES
OVER ROLLING TERRAIN. TELEMETRY MODES SUCCESSFULLY
EMPLOYED IN THE INSTALLATION INCLUDE TWO VHF SINGLE
FREQUENCY RADIO LINKS, SIX STANDARD LEASED LANDLINE
LINKS, ONE COMBINATION LEASED LANDLINE - BELL
SYSTEM AUDIO CARRIER LINK AND ONE COMBINATION
LEASED LANDLINE - DUPLEX MICROWAVE LINK. THE
SYSTEM IS NOW OPERATIONAL AND IS CURRENTLY BEING
EVALUATED, UNDER A SEPARATE CONTRACT, FOR
EFFECTIVENESS IN ITS PRESENT FORM AND FOR
IMPROVEMENTS IN RELIABILITY AND OPERABILITY THAT MAY
BE INCORPORATED IN FUTURE SYSTEMS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-649 543 15/3 5/4
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

AMERICANS' VIEWS ON CIVIL DEFENSE IN THE COLD WAR CONTEXT: 1966. (U)

DESCRIPTIVE NOTE: SUMMARY REPT.,
DEC 66 154P NEHNEVAJSA,JIRI ;
CONTRACT: OCD-OS-63-48, NSF-G-11309

UNCLASSIFIED REPORT

DESCRIPTORS: (*COLD WAR, CIVIL DEFENSE SYSTEMS), (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), POPULATION, ATTITUDES, DISASTERS, FALLOUT SHELTERS, NUCLEAR WEAPONS, PROBABILITY, SAMPLING (U)

THE PURPOSE OF THIS REPORT IS TO EXAMINE AMERICANS' VIEWS ON CIVIL DEFENSE IN THE 1966 COLD WAR CONTEXT FROM THE POINT OF VIEW OF THE FUNDAMENTAL PATTERNS AND MEANINGS OF ALL AVAILABLE INFORMATION AND FROM THE POINT OF VIEW OF EVALUATING SPECIFIC ITEMS OF INFORMATION. THE 1966 DATA WERE OBTAINED FROM A NATIONAL SAMPLE OF 1,497 AMERICANS INTERVIEWED IN FEBRUARY AND MARCH, 1966. IN MANY CASES, DATA ARE PRESENTED WITH COMPARABLE DATA FROM PREVICUS STUDIES. THERE IS A FORM OF 'NATIONAL CONSENSUS,' WITH STABILITY OVER TIME, IN SUPPORT OF CIVIL DEFENSE, AND IT IS IMPOSSIBLE TO IDENTIFY ANY PARTICULAR SEGMENT OF THE POPULATION WHO EXPRESS NEGATIVE SENTIMENTS. THE BASIC CONSISTENCY IN POSITIVE ATTITUDES APPARENTLY HAS NOT BEEN AFFECTED BY FLUCTUATIONS IN THE INTERNATIONAL ENVIRONMENT, CHANGES IN THE NATION'S ADMINISTRATION, OR SHIFTS IN SOVIET LEADERSHIP. NOR HAVE MAJOR SHIFTS IN THE CIVIL DEFENSE PROGRAMS THEMSELVES AFFECTED THE NATIONAL SENTIMENT. AMERICANS ARE CONVINCED THAT SURVIVAL ODDS WOULD BE GREATLY ENHANCED FOR A SHELTERED POPULATION. THE SHELTER ASSIGNMENT NOTION MEETS WITH VERY LITTLE NEGATIVE FEELING. THE HOME SHELTER SURVEY IDEA IS VERY WELL RECEIVED. AMERICANS SEE A SIGNIFICANT ROLE FOR CIVIL DEFENSE IN NATURAL DISASTER AND OTHER EMERGENCY SITUATIONS. WHILE AMERICANS DO NOT CONSIDER CIVIL DEFENSE TO BE AMONG THE MOST IMPORTANT PROBLEMS FACING THE NATION, AMONG PROGRAMS COMPETING BEFORE CO[illegible]S FOR FINANCIAL SUPPORT, CIVIL DEFENSE IS SEC[illegible] ONLY TO HIGHER EDUCATION AND NATIONAL HEALTH PROGRAMS. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-649 835 13/2 5/1 15/3
PLANNING RESEARCH CORP LOS ANGELES CALIF

IMPLEMENTATION OF AN ORDERED SPRAWL URBAN CONFIGURATION. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
JAN 67 226P BLUNT,KEITH R. ;LIFETER,
JOEL J. ;VANDAAM,PETER ;
REPT. NO. PRC D-1219

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: PREPARED IN COOPERATION WITH STANFORD RESEARCH INST., MENLO PARK, CALIF. CONTRACT OCD-PS-64-201.

DESCRIPTORS: (*URBAN AREAS, CONFIGURATION), (*CIVIL DEFENSE SYSTEMS, URBAN AREAS), URBAN PLANNING, PASSIVE DEFENSE, COSTS, POPULATION, TRANSPORTATION, FEASIBILITY STUDIES, MANAGEMENT ENGINEERING (U)

THIS STUDY IS THE THIRD PHASE OF A RESEARCH EFFORT CONCERNED WITH THE ROLE OF URBAN FORM AS A PASSIVE DEFENSE VARIABLE. ITS PURPOSE IS TO CONSIDER HOW THE PHYSICAL CONFIGURATIONS OF EXISTING URBAN AREAS MIGHT BE MODIFIED IN ORDER TO BRING THEM IN CLOSER APPROXIMATION TO A DECENTRALIZED 'ORDERED SPRAWL' ARRANGEMENT FOUND IN THE INITIAL PHASE OF THE WORK TO BE OPTIMAL IN TERMS OF ECONOMIC, SOCIAL, AND DEFENSE CONSIDERATIONS. ATTENTION IS FOCUSED ON THREE MAJOR SUBJECT AREAS: TECHNIQUES FOR IMPLEMENTING URBAN DECENTRALIZATION, MAJOR PROBLEMS LIKELY TO BE ENCOUNTERED IN DECENTRALIZATION EFFORTS, AND CONTROL PROCESSES THROUGH WHICH CONFIGURATIONAL MODIFICATIONS WOULD HAVE TO BE IMPOSED. IN COMPARING ORDERED SPRAWL WITH CONVENTIONAL URBAN FORMS, IT WAS FOUND THAT CONTROL OF INTERCOMMUNITY OPEN SPACE WOULD BE THE CRITICAL ELEMENT IN ACHIEVING METROPOLITAN DECENTRALIZATION. WHILE TECHNIQUES CURRENTLY AVAILABLE FOR GUIDING URBAN LAND-USE DECISIONS CONSTITUTE A SOUND FOUNDATION OF CONTROL FOR IMPLEMENTING DECENTRALIZATION, THEY WOULD HAVE TO BE ADMINISTERED ON AN AREA-WIDE BASIS AND SUPPLEMENTED BY VARIOUS INDIRECT CONTROLS. WHILE PLANNING FOR DECENTRALIZATION WOULD HAVE TO OCCUR WITHIN A METROPOLITAN FRAMEWORK, THE URBAN PLANNING FUNCTION IS CURRENTLY CONDUCTED LARGELY AT THE MUNICIPAL LEVEL; THE PROBLEM HERE COULD BE RESOLVED BY ASSIGNING RESPONSIBILITY FOR DECENTRALIZATION PLANNING TO THE METROPOLITAN TIER. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-651 049 5/11
IOWA STATE UNIV AMES DEPT OF SOCIOLOGY AND ANTHROPOLOGY

SYSTEM LINKAGES AMONG WOMEN'S ORGANIZATIONS: AN EXPLORATORY STUDY OF MEMBERSHIP AND LEADERSHIP LINKAGES AMONG WOMEN'S FORMAL ORGANIZATIONS IN A LOCAL COMMUNITY. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
67 143P BEAL,GEORGE M. ;KLONGLAN, GERALD E. ;YARBROUGH,PAUL ;BOHLEN,JOE M. ; DILLMAN,DON A. ;
REPT. NO. RURAL SOCIOLOGY-42
PROJ: 401-43-26-73-1529
TASK: 4811-E

UNCLASSIFIED REPORT

DESCRIPTORS: (*ORGANIZATIONS, *SOCIAL SCIENCES), LEADERSHIP, SOCIOLOGY, FEMALES, HUMANS, CIVIL DEFENSE SYSTEMS, ATTITUDES, BEHAVIOR, SOCIAL PSYCHOLOGY, RURAL AREAS (U)

THE LOCAL CIVIL DEFENSE DIRECTOR IS CONCEPTUALIZED AS A CHANGE AGENT WITH THE TASK OF INSTIGATING SOCIAL CHANGE. IN LOCAL COMMUNITIES VOLUNTARY ORGANIZATIONS, CONCEPTUALIZED AS SOCIAL SYSTEMS, ARE POTENTIAL RESOURCES WHICH A CHANGE AGENT MAY UTILIZE IN VARIOUS WAYS TO INSTIGATE SOCIAL CHANGE. THE VOLUNTARY ORGANIZATIONS IN A SINGLE LOCAL COMMUNITY HAVE VARIOUS RELATIONSHIPS EXTANT BETWEEN THEM WHICH MAY IMPINGE UPON ATTEMPTS TO INVOLVE THEM IN SOCIAL CHANGE EFFORTS. ONE OF THESE RELATIONSHIPS IS THAT OF STRUCTURAL SYSTEM LINKAGE, I.E. OVERLAPPING MEMBERSHIPS WITH OR WITHOUT ACCOMPANYING LEADERSHIP RESPONSIBILITIES OR QUALITIES. FOUR TYPES OF STRUCTURAL SYSTEM LINKAGES ARE ANALYZED IN THIS REPORT: MEMBER TO MEMBER LINKAGE, MEMBER TO OFFICER LINKAGE, MEMBER TO ORGANIZATIONAL INFLUENTIAL LINKAGE AND MEMBER TO COMMUNITY INFLUENTIAL LINKAGE. DEFINITE PATTERNS OF MEMBER TO MEMBER LINKAGES AND MEMBER TO LEADER LINKAGES EXISTED AMONG THE 41 STUDY ORGANIZATIONS. CLUSTERS OF ORGANIZATIONS WERE DELINEATED ON THE BASIS OF THE PATTERNING OF MEMBER TO MEMBER LINKAGES. THE PATTERNS OF MEMBER TO LEADER LINKAGES DIFFERED FROM THAT OF THE MEMBER TO MEMBER LINKAGES.

(U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-651 167 15/3
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

COST AND FINANCING OF CIVIL DEFENSE; SOME PUBLIC VIEWS. (U)

FEB 67 77P COLEMAN,ALAN N. ;
CONTRACT: DAHC20-67-C-0122, NSF G11309

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, ECONOMICS), COSTS, FALLOUT SHELTERS, PUBLIC OPINION (U)

THE REPORT ATTEMPTS TO BRING TOGETHER, FROM A NUMBER OF NATIONAL AND COMMUNITY STUDIES, THE RESULTS REGARDING THE AMERICAN PUBLIC'S VIEWS ON THE COST AND FINANCING OF CIVIL DEFENSE MEASURES AND PROGRAMS. GIVEN THE LIMITATIONS IMPOSED BY THE NUMBER AND DIVERSITY OF THE STUDIES USED, THE FOLLOWING GENERALIZATIONS OBTAINED: (1) INCREASING CIVIL DEFENSE EXPENDITURES IN GENERAL IS BELIEVED DESIRABLE; (2) MANY CITIZENS ARE UNCERTAIN ABOUT WHAT FALLOUT PROTECTION SHOULD COST; (3) PERSONAL ASSUMPTION OF THE TOTAL OR EVEN PARTIAL COST FOR FAMILY SHELTERS IS NOT FAVORED; (4) MAJOR OBJECTIONS TO FAMILY FALLOUT SHELTERS INVOLVE COST; (5) FAVORABILITY OF PUBLIC AS WELL AS FAMILY FALLOUT SHELTERS IS INCREASED WHEN FEDERAL OR STATE FINANCIAL ASSISTANCE IS INCLUDED; (6) A SUBSTANTIAL PORTION OF THE CITIZENRY FAVORS A TAX REDUCTION OR EXEMPTION FOR SHELTERS; (7) INDIRECT INDUCEMENTS FOR BUILDING SHELTERS GENERALLY MEET THE APPROVAL OF THE PUBLIC; (8) SPECIFIED ALTERNATIVE METHODS OF FINANCING SHELTERS HAVE BEEN MET WITH DISAPPROVAL OR UNCERTAINTY; (9) PUBLIC SHELTERS ARE VIEWED AS EFFECTIVE AND WORTH THE COST; (10) AMONG ALTERNATIVE PROGRAMS, EDUCATION AND HEALTH RANK AHEAD OF CIVIL DEFENSE MEASURES, AND VERY FEW PEOPLE CURRENTLY AGREE THAT CIVIL DEFENSE MONIES WOULD BE BETTER SPENT ON MISSILES AND BOMBERS. THE MAJORITY OF THE STUDIES UTILIZED WERE CONDUCTED IN THE EARLY 1960'S--A TIME WHEN THE FAMILY SHELTER CONTROVERSY REACHED IT APEX. GENERAL COST AND FINANCING ISSUES AND ALTERNATIVES HAVE NOT BEEN PROBED EXTENSIVELY IN NATIONAL AND COMMUNITY SURVEYS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-653 466 5/11 15/3
HUMAN SCIENCES RESEARCH INC MCLEAN VA

KINSHIP AND VOLUNTARY ORGANIZATION IN POST-THERMONUCLEAR ATTACK SOCIETY: SOME EXPLORATORY STUDIES. (U)

SEP 65 238P GREER,SCOTT A. IWINCH, ROBERT F. ;
REPT. NO. HSR-RR-65/1-CR
CONTRACT: OCD-OS-63-114

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: PREPARED IN COOPERATION WITH NORTHWESTERN UNIV., EVANSTON, ILL., CENTER FOR METROPOLITAN STUDIES. SEE ALSO AD-653 468.

DESCRIPTORS: (*SOCIOLOGY, UNITED STATES), (*CIVIL DEFENSE SYSTEMS, SOCIOLOGY), SOCIAL PSYCHOLOGY, ORGANIZATIONS, URBAN AREAS, VULNERABILITY, DISASTERS, SOCIAL SCIENCES, RECOVERY, STATISTICAL DATA, REACTION(PSYCHOLOGY), POPULATION, BEHAVIOR, SURVIVAL, NUCLEAR WARFARE (U)
IDENTIFIERS: POST ATTACK OPERATIONS, FAMILIES (U)

THE INCIDENCE OF FAMILY-KINSHIP AND VOLUNTARY ORGANIZATIONAL PATTERNS IN CONTEMPORARY UNITED STATES SOCIETY ARE EXAMINED. MANY PRIMARY FAMILY UNITS, COMPOSED OF PARENTS-IMMEDIATE CHILDREN ('NUCLEAR FAMILIES'), HAVE TIES WITH RELATIVES OUTSIDE THE NUCLEAR FAMILY, WHICH SUGGESTS THE EXISTENCE OF PATTERNS OF EXTENDED FAMILISM AND OF KINSHIP NETWORKS. PARTICIPATION IN VOLUNTARY ORGANIZATIONS IS A WIDELY PERVASIVE FEATURE OF AMERICAN SOCIETY, OFFERING A MAJOR LEVEL AND FOCUS OF COMMUNITY ORGANIZATION AND ACTION. PARTICIPATION IN BOTH KINSHIP RELATIONS AND VOLUNTARY ORGANIZATIONS WAS FOUND TO VARY ON SEVERAL DIMENSIONS. KINSHIP RELATIONS VARY MOST STRONGLY BY 'ETHNICITY'--MEASURED BY THE RELIGIOUS, CULTURAL, AND/OR RACIAL BACKGROUND OF THE FAMILY. DIFFERENCES IN PATTERNS OF KINSHIP AND VOLUNTARY ORGANIZATION TEND TO BE ASSOCIATED WITH DIFFERENCES AMONG SOCIAL AREAS WHICH CAN BE DESCRIBED WITHIN THE PHYSICAL SPACE FORMED BY METROPOLITAN COMMUNITIES. SEVERAL PROPOSITIONS ARE FORMED, RELATING MASS DATA FOR AMERICAN CITIES AND THE ASSOCIATIONAL NETWORKS OF LOCALITIES. (1) THERE ARE CONSTANT RELATIONSHIPS BETWEEN SUB-POPULATION TYPES AND PARTICIPATION IN THE LOCAL AREA AS A COMMUNITY. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-654 201 15/3 5/10
HUMAN SCIENCES RESEARCH INC MCLEAN VA

SPECIAL PROBLEMS OF CHILDREN IN CIVIL DEFENSE PLANNING. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
FEB 67 55P LUTZ,FRANK W. ;
REPT. NO. HSR-RR-67/3-CR
CONTRACT: OCS-OS-63-114
TASK: 43218

UNCLASSIFIED REPORT

DESCRIPTORS: (*DISASTERS, *CHILDREN), NUCLEAR WARFARE, CIVIL DEFENSE SYSTEMS, SHELTERS, EDUCATION, MANAGEMENT PLANNING, ADJUSTMENT(PSYCHOLOGY), SOCIAL PSYCHOLOGY, GROUP DYNAMICS. BEHAVIOR (U)
IDENTIFIERS: ORPHANS (U)

THE STUDY IS A LIMITED RESEARCH EFFORT WHICH ADDRESSES FOUR KINDS OF QUESTIONS OF POTENTIAL INTEREST TO THE CIVIL DEFENSE PLANNER. (1) WHAT EFFECTS ON CHILDREN CAN BE OBSERVED WHICH ARE ATTRIBUTABLE TO THE EXISTENCE OF THE THREAT OR POSSIBILITY OF NUCLEAR WAR. (2) WHAT IS KNOWN ABOUT THE EFFECTS OF DISASTER AND FAMILY DISRUPTION ON CHILDREN WHICH MIGHT HAVE SIGNIFICANCE FOR CIVIL DEFENSE PLANNING. (3) WHAT IS KNOWN ABOUT ALTERNATIVE APPROACHES TO THE CARE OF ORPHANS. (4) WHAT ARE THE POSSIBLE USES OF SCHOOLS IN SHELTER SYSTEMS AND WHAT ARE THE CONSIDERATIONS INVOLVED. AVAILABLE EVIDENCE RELATED TO EACH OF THESE GENERAL QUESTIONS IS REVIEWED AND DISCUSSED. THE IMPLICATIONS OF THE FINDINGS WERE SUMMARIZED IN RELATION TO THREE COMPONENTS OF CIVIL DEFENSE PLANNING: (1) EDUCATION AND INFORMATION; (2) SHELTER SYSTEM PLANNING; (3) POST-ATTACK ORPHAN CARE. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-654 478 15/3
HUDSON INST INC HARMON-ON-HUDSON N Y

CRISIS CIVIL DEFENSE AND DETERRENCE, (U)

APR 67 85P ROCKETT,FREDERICK C. I
REPT. NO. HI-777/2-RR

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *USSR), (*EASTERN EUROPE, CIVIL DEFENSE SYSTEMS), (*CHINA, CIVIL DEFENSE SYSTEMS), DETERRENCE, NATIONAL DEFENSE, UNITED STATES, TRANSPORTATION, EVACUATION, URBAN AREAS, FALLOUT SHELTERS, SURVIVAL, INDUSTRIES, VULNERABILITY, RECOVERY (U)

THE REPORT EXAMINES THE POTENTIAL OF THE SOVIET UNION, CHINA, AND SOME EUROPEAN NATIONS FOR REDUCING THEIR VULNERABILITY TO NUCLEAR ATTACK THROUGH EMERGENCY CIVIL DEFENSE MEASURES TAKEN DURING AN INTENSE CRISIS. IT IS ARGUED THAT THIS CD POTENTIAL BY SUBSTANTIALLY REDUCING THE NUMBER OF HOSTAGES AND PROVIDING AN IMPROVED RECOVERY CAPABILITY, HAS SOME IMPLICATIONS FOR U.S. DETERRENCE POLICY. THUS, IF DETERRENCE POLICY IS THOUGHT TO REQUIRE A LARGE NUMBER OF URBAN HOSTAGES, IT MAY NEED TO BE REVIEWED IN LIGHT OF THE ABOVE POSSIBILITY. A SURVEY OF THE CD POLICIES AND CAPABILITIES OF THE ABOVE COUNTRIES SUGGESTS THAT A PRIMARY CRISIS CD MEASURE COULD BE AN URBAN EVACUATION TO EXPEDIENT OR IMPROVISED FALLOUT PROTECTION. IN ADDITION, IN SOME CRISIS ENOUGH TIME MIGHT BE AVAILABLE TO MOVE SOME PERSONAL PROPERTY AND PERHAPS SOME CRITICAL INDUSYRIAL RESOURCES OUT OF THE MORE LIKELY TARGET AREAS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-655 530 15/6 18/1 15/3
STANFORD RESEARCH INST MENLO PARK CALIF

METHODOLOGY FOR ASSESSING TOTAL VULNERABILITY. (U)

AUG 66 176P DRESCH,FRANCIS W. ELLIS,
HAZEL ;
PROJ: SRI-MU-4949-520

UNCLASSIFIED REPORT

DESCRIPTORS: (*VULNERABILITY, *SYSTEMS ENGINEERING), (*NUCLEAR WARFARE, *THERMONUCLEAR REACTIONS), ECONOMICS, SOCIOLOGY, POLITICAL SCIENCE, CULTURE, ATTITUDES, INDUSTRIES, NUMERICAL ANALYSIS, LABOR UNIONS, LANGUAGE, SEMANTICS, UNITED STATES GOVERNMENT, INTERACTIONS, INPUT-OUTPUT DEVICES, CIVIL DEFENSE SYSTEMS (U)

THE STUDY WAS AN ATTEMPT TO APPLY SYSTEMS ANALYSIS TO THE STUDY OF TOTAL VULNERABILITY. THE RESULTS INDICATED THAT THE SYSTEMS CONCEPT COULD BE USED TO GENERATE, THROUGH AN EXPANSIBLE SEQUENCE OF CHECK LISTS, MANY PERTINENT QUESTIONS ABOUT THE STRUCTURE OF OUR SOCIETY AND ITS INTRINSIC VULNERABILITIES. THE ANALYSIS WAS CENTERED ON THE INDIVIDUAL AS A POLITICAL, SOCIAL AND ECONOMIC AGENT AND 23 PRIMARY INSTITUTIONS THAT INTERACT WITH HIM AND WITH EACH OTHER. THE FIRST STEP WAS TO IDENTIFY AS WELL AS POSSIBLE ALL INPUT AND OUTPUT VARIABLES FOR THE INDIVIDUAL AND THE INSTITUTIONS, AND ALL THE SOURCES OF EACH INPUT AND ALL THE DESTINATIONS FOR EACH OUTPUT. EXECUTION OF THIS STEP ENCOUNTERED MANY CONCEPTUAL AND SEMANTIC DIFFICULTIES, AND MADE IT QUITE CLEAR THAT INITIAL HOPES OF INVESTIGATING POSSIBLE INTER-RELATIONSHIPS QUANTITATIVELY WERE OVER OPTIMISTIC OR PREMATURE. THE SYSTEMS DESCRIPTIONS WERE RELATED TO THE PRIMARY AND SECONDARY EFFECTS OF THERMONUCLEAR ATTACK. THEY WERE COMPARED WITH MORE TRADITIONAL DESCRIPTIONS OF THE INSTITUTIONS AND WITH TWO SIMPLIFIED POSTATTACK SCENARIOS REPRESENTING THE PRIMARY EFFECTS OF A HEAVY COUNTER FORCE AND A HEAVY COUNTER INDUSTRY ATTACK. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-659 812 15/3 9/2 5/2
STANFORD RESEARCH INST MENLO PARK CALIF

EOC DATA DISPLAY SYSTEM. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
MAY 67 220P METZLER,ROBERT E. LAWSON,
MELVIN E. , JR;
TASK: 29

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: PREPARED IN COOPERATION WITH GAUTNEY AND JONES COMMUNICATIONS, INC., WASHINGTON, D. C., REPT. NO. TR-67.022,003.

DESCRIPTORS: (*DISPLAY SYSTEMS, *CIVIL DEFENSE SYSTEMS), DATA STORAGE SYSTEMS, INFORMATION RETRIEVAL, CONTROL PANELS, ENVIRONMENT, DATA, LOGIC CIRCUITS, COLORS (U)

AN EOC DATA, DISPLAY SYSTEM, DESIGNED TO RECORD, STORE AND DISPLAY A WIDE VARIETY OF DATA, WAS DEVELOPED AND FABRICATED. THE SYSTEM CONSISTS OF A CENTRALIZED CONTROL CONSOLE AND TWO WALL-HUNG DISPLAY PANELS. THE CONSOLE CONTAINS LOGIC AND MEMORY CIRCUITS FOR DATA STORAGE AND RETRIEVAL, AND A CONTROL PANEL FOR EACH OF THE DISPLAY PANELS. DATA PERTAINING TO ENVIRONMENTAL CONDITIONS IN A GEOGRAPHICAL AREA OR PERTAINING TO STATUS OF PIECES OF EQUIPMENT AND FACILITIES MAY BE DISPLAYED WITH A RESOLUTION OF AS MUCH AS SIXTEEN LEVELS OF STATUS IN FOUR COLORS ON ONE DISPLAY PANEL. THE OTHER DISPLAY PANEL PROVIDES THE CAPABILITY TO INDICATE A POINT, DRAW A LINE OR A BOUNDARY, AND TO BLOCK IN AN AREA UTILIZING A LIGHT MATRIX CONTROLLED AND PROGRAMMED FROM THE CONTROL CONSOLE. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-661 048 15/3 5/9
IOWA STATE UNIV AMES DEPT OF SOCIOLOGY AND ANTHROPOLOGY

A SUMMARY OF THE FINAL REPORT LOCAL GOVERNING BODIES; THEIR RELATION TO CIVIL DEFENSE. (U)

MAR 67 31P KLONGLAN,GERALD E. ;BEAL, GEORGE M. ;BOHLEN,JOE M. ;NYE,JOHN R. ;
REPT. NO. RURAL SOCIOLOGY-46-S

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: AN EXPLORATORY STUDY OF DEFINITIONS AND PERFORMANCES OF CIVIL DEFENSE ROLES OF COUNTY BOARD MEMBERS, MAYORS, AND COUNTY-MUNICIPAL CIVIL DEFENSE DIRECTORS. SEE ALSO AD-661 060.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *CIVIL DEFENSE PERSONNEL), (*CIVILIAN PERSONNEL, POLITICAL SCIENCE), PERFORMANCE(HUMAN), DECISION MAKING, SURVIVAL, SHELTERS, BUDGETS, TRAINING (U)

LOCAL GOVERNMENT OFFICIALS ARE KEY DECISION-MAKERS IN THE IMPLEMENTATION OF CIVIL DEFENSE PROGRAMS ON THE LOCAL LEVEL. AS LOCAL OFFICIALS ARE GIVEN NEW TASKS IN CIVIL DEFENSE, THEY UNDERSTAND THEIR ROLES TO VARYING DEGREES. THE REPORT FOCUSES ON (1) THE EXTENT TO WHICH LOCAL OFFICIALS UNDERSTAND THEIR OWN CIVIL DEFENSE ROLES, (2) THE EXTENT TO WHICH THEY UNDERSTAND THE CIVIL DEFENSE ROLES OF OTHER LOCAL OFFICIALS, (3) THE LOCAL OFFICIALS' EVALUATIONS OF THEIR OWN CIVIL DEFENSE ROLE PERFORMANCES, AND (4) THEIR EVALUATIONS OF THE CIVIL DEFENSE ROLE PERFORMANCES OF OTHER LOCAL OFFICIALS. FINDINGS ARE STATED. IMPLICATIONS ARE DRAWN FROM THE FINDINGS FOR CHANGE AGENTS. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /4MML7

AD-662 603 15/3 5/1
SYSTEM DEVELOPMENT CORP SANTA MONICA CALIF

COMMAND AND CONTROL IMPLICATIONS OF THE CONCEPT OF EMERGENCY OPERATIONS UNDER NUCLEAR ATTACK. (U)

DESCRIPTIVE NOTE: TECHNICAL MEMO.,
JUN 67 80P ABERSMAN,ALLEN I. ;CUSACK, BRUCE L. ;GIBBONS,ROGER D. ;HANEY,TERENCE P. ;HODDY,LEE J. ;
REPT. NO. TM-3679

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, COMMAND + CONTROL SYSTEMS), NUCLEAR WARFARE, URBAN AREAS, ORGANIZATIONS, CIVIL DEFENSE PERSONNEL, FALLOUT SHELTERS, MANAGEMENT ENGINEERING, FLOW CHARTING (U)

THE RESULTS OF A STUDY OF THE COMMAND AND CONTROL IMPLICATIONS OF THE OCD CONCEPT OF EMERGENCY OPERATIONS UNDER NUCLEAR ATTACK. THE REPORT DELINEATES THE APPROACH, AND METHODOLOGY USED; AND PRESENTS THE RESULTS OF TWO MAJOR EFFORTS. THE FIRST, A STUDY OF THE COMMAND CONTROL AUTHORITIES, RESPONSIBILITIES, FUNCTIONS AND ASSOCIATED INFORMATION NEEDS; AND THE SECOND, AN ASSESSMENT OF THE ROLE OF THE EMERGENCY OPERATING CENTER UNDER THIS CONCEPT OF OPERATIONS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL No. /ZMML7

AD-662 781 15/3 5/1
STANFORD RESEARCH INST MENLO PARK CALIF

THE COST AND FEASIBILITY OF EMERGENCY COOPERATION AMONG LOCAL GOVERNMENTS, (U)

OCT 67 93P MOLL,KENDALL THIRSHBERG, RICHARD ;
PROJ: SRI-MU-4949-410

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: REPORT ON CIVIL DEFENSE ORGANIZATION STUDIES.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *MANAGEMENT PLANNING), MANAGEMENT ENGINEERING, CIVIL DEFENSE PERSONNEL, COSTS, FEASIBILITY STUDIES, UNITED STATES GOVERNMENT, CONTROL, POLITICAL SCIENCE (U)

FROM QUANTITATIVE CONSIDERATIONS OF THE NEED FOR EMERGENCY INTERACTIONS AMONG LOCAL GOVERNMENT FUNCTIONS, THE REPORT CONCLUDES THAT AN ESSENTIALLY NEW FORM OF ORGANIZATION MUST BE PLANNED FOR EMERGENCY COORDINATION. A NEW ORGANIZATION WILL REQUIRE ABOUT 200 SPECIALLY TRAINED COORDINATORS IN SANTA CLARA COUNTY, CALIFORNIA. REALISTIC PLANNING, RECRUITING, TRAINING, AND TESTING ESTIMATES FOR SUCH A PROGRAM IMPLY A NATIONAL CIVIL DEFENSE IN THE ORDER OF $2 MILLION PER YEAR. ANALYSES OF THE LEGAL BASIS AND POTENTIAL LOCAL ACCEPTANCE OF CENTRALIZED COORDINATION IN SANTA CLARA COUNTY INDICATE THAT AN EMERGENCY ORGANIZATION WOULD BE FEASIBLE TO ESTABLISH USING CERTAIN PROGRAM GUIDELINES. FIRST, PROGRAM DIRECT COSTS WOULD BE MOST ACCEPTABLE IF SUPPORTED BY THE FEDERAL GOVERNMENT. SECOND, THE ORGANIZATION SHOULD BE LOCALLY TAILORED TO EXISTING GOVERNMENT STRUCTURES RATHER THAN PATTERNED UNIFORMLY THROUGHOUT THE COUNTRY. THIRD, THE ORGANIZATION SHOULD BE FLEXIBLE TO PERMIT PRE-EMPTION OF LOCAL AUTHORITY IN PROPORTION TO THE SEVERITY OF THE EMERGENCY. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-663 839 15/3
OFFICE OF CIVIL DEFENSE WASHINGTON D C

CIVIL DEFENSE RESEARCH ANALYSIS. (U)

DESCRIPTIVE NOTE: RESEARCH REPT.,
NOV 67 125P DEVANEY,JOHN F. ;
REPT. NO. OCD-RR-11-REV

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, SCIENTIFIC RESEARCH), ANALYSIS, EFFECTIVENESS, OPERATIONS RESEARCH, RESEARCH PROGRAM ADMINISTRATION (U)

THE REPORT PRESENTS A METHOD OF ANALYZING THE CIVIL DEFENSE RESEARCH PROGRAM TO OBTAIN DATA FOR USE IN PREPARING STATE-OF-THE-ART REVIEWS, IN PROGRAMMING, AND FOR OTHER PURPOSES. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-664 178 15/3 5/4
TECHNICAL OPERATIONS INC ARLINGTON VA WASHINGTON RESEARCH CENTER

SCENARIO-GAME MODEL FOR THE EXERCISE AND EVALUATION OF NATIONAL LEVEL CIVIL DEFENSE SYSTEMS. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
NOV 67 103P HARDICK,W. L. ;GUTHRIE,P. G. ;HOBSON,V. W. , JR.;MATHIAS,J. ;
REPT. NO. TOI-TR-67-4
CONTRACT: DAHC20-67-C-0160

UNCLASSIFIED REPORT

DESCRIPTORS: (*NATIONAL DEFENSE, CIVIL DEFENSE SYSTEMS), (*CIVIL DEFENSE SYSTEMS, MODELS(SIMULATIONS)), GAME THEORY, DECISION MAKING, POLITICAL SCIENCE, MILITARY STRATEGY, COLD WAR, NUCLEAR WARFARE, LEADERSHIP, DETERRENCE, ARMS CONTROL, WARNING SYSTEMS, MANPOWER, VULNERABILITY (U)
IDENTIFIERS: SCENARIOS (U)

THE MODEL WAS DEVELOPED IN RESPONSE TO A REQUIREMENT ESTABLISHED BY THE OFFICE OF CIVIL DEFENSE (OCD), DEPARTMENT OF THE ARMY. ITS PURPOSE IS TO PROVIDE A GAMING ORGANIZATION AND METHODOLOGY FOR EXERCISING AND EVALUATING CIVIL DEFENSE SYSTEMS WITHIN THE CONTEXT OF REALISTIC AND CREDIBLE CHANGES IN INTERNATIONAL TENSIONS AND CRISES BUILDUPS. SINCE THE GAME MODEL IS DESIGNED FOR A BROAD SCOPE OF OCD TEST REQUIREMENTS AT THE NATIONAL LEVEL, ITS FEATURES BUILT-IN FLEXIBILITY, THE EMPLOYMENT OF AGGREGATION TECHNIQUES, BROADLY CONTROLLED FREE PLAY, AND RELIANCE ON THE INTUITIVE JUDGMENT OF GAME PARTICIPANTS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-664 753 5/3 15/3
INSTITUTE FOR DEFENSE ANALYSES ARLINGTON VA PROGRAM ANALYSIS DIV

ECONOMIC RELATIONSHIPS IN THE NEW ORLEANS METROPOLITAN AREA. (U)

DESCRIPTIVE NOTE: RESEARCH PAPER,
JUL 67 63P FAUCETT,JACK KELLEHER,GRACE J.
REPT. NO. RP-P-347
TASK: 4131A
MONITOR: IDA/HQ 67-6832

UNCLASSIFIED REPORT

DESCRIPTORS: (*ECONOMICS, URBAN AREAS), (*CIVIL DEFENSE SYSTEMS, LOUISIANA), INDUSTRIES, FEASIBILITY STUDIES, POPULATION, FALLOUT SHELTERS, INDUSTRIAL PRODUCTION, COMMERCE, MONEY, INVENTORY ANALYSIS, MOBILIZATION, MATHEMATICAL ANALYSIS, CONSUMPTION, LABOR, TABLES (U)

THE PAPER PRESENTS 1963 INTERINDUSTRY TRANSACTIONS DATA AND COEFFICIENTS FOR THE NEW ORLEANS STANDARD METROPOLITAN STATISTICAL AREA IN THE SAME FORM AS THE 1958 NATIONAL INTERINDUSTRY TABLE PREPARED BY THE OFFICE OF BUSINESS ECONOMICS, U.S. DEPARTMENT OF COMMERCE. THE DATA ARE PRESENTED IN FIVE LARGE (REMOVABLE) TABLES; INTERINDUSTRY TRANSACTIONS, DIRECT REQUIREMENTS PER DOLLAR OF GROSS OUTPUT, TOTAL REQUIREMENTS (DIRECT AND INDIRECT) PER DOLLAR OF DELIVERY TO FINAL DEMAND, IMPORTS BY PRODUCING SECTORS, AND DIRECT IMPORT REQUIREMENTS PER DOLLAR OF GROSS OUTPUT. THE TEXT OF THE REPORT DESCRIBES THE MATRICES AND GIVES EXAMPLES OF HOW THEY ARE USED. A COMPARATIVE ANALYSIS OF RESULTS DERIVED FOR NEW ORLEANS USING THE NATIONAL AND LOCAL INPUT-OUTPUT DATA IS INCLUDED TO DEMONSTRATE THE VALUE OF A REGIONAL ECONOMICS SURVEY FOR PURPOSES SUCH AS CIVIL DEFENSE PLANNING. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-665 383 15/3 5/10 5/11
SIMULMATICS CORP CAMBRIDGE MASS

COMMUNITY INTERACTION GAME. (U)

DESCRIPTIVE NOTE: FINAL REPT. 19 MAY-27 DEC 67,
DEC 67 72P YATES,JULES DAVID :
CONTRACT: DAHC20-67-C-0103

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, GAME THEORY), (*GROUP DYNAMICS, INTERACTIONS), SOCIAL PSYCHOLOGY, SIMULATION, BEHAVIOR, ATTITUDES, DISASTERS, TRAINING, PUBLIC OPINION, DECISION MAKING, ORGANIZATIONS, STRESS(PSYCHOLOGY), SOCIAL COMMUNICATION (U)

THE REPORT DESCRIBES THE RESULTS OF A STUDY WHICH IS PART OF THE OFFICE OF CIVIL DEFENSE'S RESEARCH INTO THE PROCESS OF ADOPTION-DIFFUSION IN FUTURE STRATEGY ENVIRONMENTS. THE SIMULMATICS TEAM WAS DIRECTED BY THE STATEMENT OF WORK TO: 'DEVELOP A HUMAN SIMULATION EXPERIMENT IN THE FORM OF A GAME TO BE USED AS A DEVICE FOR GAINING NEW INSIGHTS ABOUT HUMAN BEHAVIOR IN CRISIS PERIODS AND AS A TRAINING AID. THE GAME PROCEDURE WILL ATTEMPT TO FURTHER SYNTHESIZE RESEARCH FINDINGS ABOUT THE FUNCTION OF COMMUNITY POWER STRUCTURE IN IMPLEMENTING CIVIL DEFENSE PROGRAMS AND THE LIKELY EFFECTS OF HEIGHTENED INTERNATIONAL CRISIS ON THE EXPECTATIONS, ATTITUDES AND BEHAVIOR OF PEOPLE.' A METHODOLOGY WAS EXPLORED FOR SIMULATING BEHAVIOR WITHIN A FRAMEWORK DESCRIBING THE FUNCTIONING OF A COMMUNITY POWER STRUCTURE. THE TECHNIQUE EMPLOYED WAS THAT OF A GAME, WHICH WOULD CAUSE PARTICIPANTS TO BE INVOLVED IN INTERACTIONS RESULTING FROM THEIR OWN ACTIONS AND DECISIONS. PART I OF THIS REPORT IS A DISCUSSION OF THE INITIAL CONCEPTS AND BASES FOR THE GAME. PART II AND III DISCUSS THE FIRST BASIC SIMPLIFICATION AND THE CHANGE OF STRESS OF THE GAME. PART IV IS THE FINAL VERSION OF THE GAME. (AUTHOR) (U)

UDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-665 639 15/3 5/9
SYSTEM DEVELOPMENT CORP SANTA MONICA CALIF

A MODEL LOCAL CIVIL DEFENSE TRAINING PLAN: AN ORGANIZATION AND TRAINING DEVELOPMENT RESEARCH STUDY. (U)

DESCRIPTIVE NOTE: TECHNICAL MEMO.,
AUG 67 175P BRICTSON,R. C. ;BUSTYA,C. ;STREICH,E. R. ;
REPT. NO. TM-3802

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, TRAINING), CIVIL DEFENSE PERSONNEL, OPERATIONAL READINESS, MANPOWER, MODELS(SIMULATIONS), DISASTERS, MANAGEMENT PLANNING, NUCLEAR WARFARE, URBAN AREAS, ADVANCED PLANNING, TEACHING METHODS, FLOW CHARTING (U)

UTILIZING THE DATA OBTAINED AND FUNCTIONAL CATEGORIES DERIVED FROM THE FEDERAL CIVIL DEFENSE GUIDE EMERGENCY ACTIONS AND CONTROL AND SUPPORT FUNCTIONS, AN ANALYSIS OF THE EMERGENCY TASKS OF A MODEL LOCAL CIVIL DEFENSE OPERATION IS PERFORMED, TRAINING REQUIREMENTS SPECIFIED, PERSONNEL TO BE TRAINED DESIGNATED, AND TRAINING METHODS DESCRIBED. THE TRAINING REQUIRED, PERSONNEL DESIGNATED AND TRAINING METHODS SPECIFIED ARE RELATED TO THE OPERATIONAL TASKS IN EACH OF THREE TIME PERIODS: NORMAL, INCREASED READINESS AND ACTUAL EMERGENCY. ONE EMERGENCY ACTION CATEGORY -- MEDICAL AID -- IS ANALYZED IN DEPTH UTILIZING A MULTI-LAYERED CONCEPT OF FLOW DIAGRAMMING. FINALLY, SUGGESTIONS FOR FURTHER RESEARCH ARE PRESENTED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-668 938 15/3 15/6
STANFORD RESEARCH INST MENLO PARK CALIF

A STATISTICAL INFORMATION SYSTEM FOR ESTIMATING THE MAGNITUDE AND SCOPE OF NUCLEAR ATTACKS. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
FEB 68 97P RODDEN,ROBERT M. ;THOMPSON, CHARLES R. ;MIERCORT,FREDERIC A. ;
PROJ: SRI-4949-680
MONITOR: OCD . 4615A

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *DATA PROCESSING SYSTEMS), (*NUCLEAR WARFARE, *DAMAGE ASSESSMENT), STATISTICAL ANALYSIS, NUCLEAR EXPLOSION DAMAGE, SURVIVAL, POPULATION, DECISION MAKING, APPROXIMATION(MATHEMATICS), REAL TIME, SAMPLING, FLOW CHARTING, ACCURACY, PATTERN RECOGNITION, LEAST SQUARES METHOD (U)

THIS RESEARCH DEVELOPS CONCEPTS, FLOW DIAGRAMS, AND STATISTICAL METHODOLOGY FOR AN INFORMATION SYSTEM TO ESTIMATE THE MAGNITUDE AND SCOPE OF NUCLEAR ATTACKS. THE SYSTEM IS DESIGNED TO OPERATE IN THE TRANSATTACK AND IMMEDIATE POSTATTACK PERIODS WHEN DATA ON THE ATTACK CAN BE EXPECTED TO BE INCOMPLETE AND INACCURATE. THE UNDERLYING PRINCIPLE IN ESTIMATING ATTACK SIZE IS THAT OF STATISTICAL INFERENCE, WHICH PERMITS AN ESTIMATE TO BE MADE OF THE TOTAL ATTACK FROM INFORMATION ON A SAMPLE OF THE ATTACK ONLY. HEURISTIC DECISION RULES ARE APPLIED AS NEEDED TO MAKE THE SYSTEM OPERABLE. IT IS DEMONSTRATED HOW THE TARGET SYNTHESIS PROCEDURE THUS DEVELOPED MAY BE COUPLED TO A VARIETY OF SURVIVAL ESTIMATING TECHNIQUES TO YIELD SURVIVAL ESTIMATES. THE RESEARCH ALSO DEVELOPS STATISTICAL METHODOLOGY FOR PROCESSING REPORTS OF NUCLEAR DETONATIONS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-669 989 15/3 5/10
DEPARTMENT OF THE NAVY WASHINGTON D C

ACTIONS OF THE POPULATION IN A RURAL AREA WHEN THE CIVIL DEFENSE SIGNALS ARE GIVEN. (U)

MAY 68 18P ISAKOV,G. P. ;
REPT. NO. TRANS-2600

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: TRANS. OF MONO. DEISTVIYA NASELENIYA PO SIGNALAM GRAZHDANSKOI OBORONY V SELSKOI MESTNOSTI, MOSCOW, 1967 P1-22.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, USSR), (*GROUP DYNAMICS, CIVIL DEFENSE SYSTEMS), POPULATION, RURAL AREAS, WARNING SYSTEMS, INSTRUCTION MANUALS, TIME, MASKING, AIR, EYE, SHOCK WAVES, REACTION(PSYCHOLOGY), BIOLOGICAL WARFARE, CHEMICAL WARFARE, MEDICAL SUPPLIES, CHEMICALS, PROTECTIVE COVERINGS, CONTAINERS, WATER SUPPLIES, RADIO COMMUNICATION SYSTEMS, FOOD, EVACUATION (U)
IDENTIFIERS: TRANSLATIONS (U)

THE DOCUMENT COVERS INFORMATION CITIZENS SHOULD HAVE IN ORDER TO PREPARE FOR DEFENSE AGAINST WEAPONS OF MASS DESTRUCTION, AND TO KNOW WHAT TO DO WHEN CIVIL DEFENSE SIGNALS ARE GIVEN AS WELL AS DURING THE ELIMINATION OF THE EFFECTS OF THE ENEMY ATTACK. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-670 016 5/11 15/3
IOWA STATE UNIV AMES DEPT OF SOCIOLOGY AND ANTHROPOLOGY

A COMPARATIVE ANALYSIS OF COMMUNITY POWER STRUCTURES. A DELINEATION AND COMPARATIVE ANALYSIS OF POWER STRUCTURES IN FIVE IOWA COMMUNITIES. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
AUG 67 346P BOHLEN,JOE M. ;BEAL,GEORGE M. ;KLONGLAN,GERALD E. ;TAIT,JOHN L. ;
REPT. NO. RURAL SOCIOLOGY-50
CONTRACT: DAHC20-67-C-0123

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: SEE ALSO AD-670 017.

DESCRIPTORS: (*SOCIOLOGY, *CIVIL DEFENSE SYSTEMS), LEADERSHIP, SOCIAL PSYCHOLOGY, SOCIOMETRICS, ATTITUDES, DECISION MAKING, PERCEPTION(PSYCHOLOGY), CIVIL DEFENSE PERSONNEL, POWER, STATISTICAL ANALYSIS, IOWA (U)
IDENTIFIERS: *COMMUNITY POWER STRUCTURES (U)

THE LOCAL COMMUNITY IS CONCEPTUALIZED AS A SOCIAL SYSTEM. ONE OF THE ELEMENTS OF THE SOCIAL SYSTEM IS SOCIAL POWER. A SOCIAL POWER MODEL IS DEFINED WHICH MAY BE USED BY LOCAL CIVIL DEFENSE CHANGE AGENTS FOR ANALYZING SOCIAL POWER IN THEIR COMMUNITIES. THE MAJOR CONCEPTS OF THE SOCIAL POWER MODEL ARE SOCIAL POWER, AUTHORITY, INFLUENCE, POWER STRUCTURE, AND POWER ACTORS. THE COMMUNITY MEMBERS WHO HAVE SOCIAL POWER AND AFFECT THE COMMUNITY DECISION-MAKING PROCESS ARE DESIGNATED AS POWER ACTORS. THE INTERRELATIONSHIPS OF THE MAJOR CONCEPTS ARE STATED AS GENERAL HYPOTHESES. THE SOCIAL POWER MODEL WAS OPERATIONALIZED IN FIVE IOWA COMMUNITIES. THE COMMUNITY POWER ACTORS IN EACH COMMUNITY WERE INTERVIEWED. THE COMMUNITY ACTORS PERCEIVED THAT SOCIAL POWER EXISTED IN THE COMMUNITY. THE COMMUNITY POWER ACTORS EXERCISED SOCIAL POWER TO AFFECT THE OUTCOMES OF COMMUNITY ISSUE AREAS. THEY WERE FOUND TO HAVE SIMILAR PERSONAL AND SOCIAL CHARACTERISTICS. THE POWER ACTORS HAD A STRUCTURE IN THEIR INTERPERSONAL RELATIONS. THE POWER STRUCTURES TENDED TO VARY BY ISSUE AREA TO A GREATER EXTENT AS THE SIZE OF THE COMMUNITY INCREASED. IN THE SMALLER COMMUNITIES, THE TOP POWER ACTORS TENDED TO BE HOLDING POSITIONS OF AUTHORITY, WHILE THE TOP POWER ACTORS IN THE LARGER COMMUNITIES TENDED TO NOT BE IN POSITIONS OF AUTHORITY AT THE PRESENT TIME. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-670 017 5/11 15/3
IOWA STATE UNIV AMES DEPT OF SOCIOLOGY AND ANTHROPOLOGY

A COMPARATIVE ANALYSIS OF COMMUNITY POWER STRUCTURES: A DELINEATION AND COMPARATIVE ANALYSIS OF POWER STRUCTURES IN FIVE IOWA COMMUNITIES. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
AUG 67 68P BOHLEN,JOE M. ;BEAL,GEORGE M. ;KLONGLAN,GERALD E. ;TAIT,JOHN L. ;
REPT. NO. RURAL SOCIOLOGY-SOS
CONTRACT: DAHC20-67-C-0123
MONITOR: OCD 4811-E

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: SEE ALSO AD-670 016.

DESCRIPTORS: (*SOCIOLOGY, *CIVIL DEFENSE SYSTEMS), LEADERSHIP, SOCIAL PSYCHOLOGY, SOCIOMETRICS, ATTITUDES, DECISION MAKING, PERCEPTION(PSYCHOLOGY), CIVIL DEFENSE PERSONNEL, POWER, STATISTICAL ANALYSIS, IOWA (U)
IDENTIFIERS: *COMMUNITY POWER STRUCTURES (U)

THE LOCAL COMMUNITY IS CONCEPTUALIZED AS A SOCIAL SYSTEM. ONE OF THE ELEMENTS OF THE SOCIAL SYSTEM IS SOCIAL POWER. A SOCIAL POWER MODEL IS DEFINED WHICH MAY BE USED BY LOCAL CIVIL DEFENSE CHANGE AGENTS FOR ANALYZING SOCIAL POWER IN THEIR COMMUNITIES. THE MAJOR CONCEPTS OF THE SOCIAL POWER MODEL ARE SOCIAL POWER, AUTHORITY, INFLUENCE, POWER STRUCTURE, AND POWER ACTORS. THE COMMUNITY MEMBERS WHO HAVE SOCIAL POWER AND AFFECT THE COMMUNITY DECISION-MAKING PROCESS ARE DESIGNATED AS POWER ACTORS. THE INTERRELATIONSHIPS OF THE MAJOR CONCEPTS ARE STATED AS GENERAL HYPOTHESES. THE SOCIAL POWER MODEL WAS OPERATIONALIZED IN FIVE IOWA COMMUNITIES. THE COMMUNITY POWER ACTORS IN EACH COMMUNITY WERE INTERVIEWED. THE COMMUNITY ACTORS PERCEIVED THAT SOCIAL POWER EXISTED IN THE COMMUNITY. THE COMMUNITY POWER ACTORS EXERCISED SOCIAL POWER TO AFFECT THE OUTCOMES OF COMMUNITY ISSUE AREAS. THEY WERE FOUND TO HAVE SIMILAR PERSONAL AND SOCIAL CHARACTERISTICS. THE POWER ACTORS HAD A STRUCTURE IN THEIR INTERPERSONAL RELATIONS. THE POWER STRUCTURES TENDED TO VARY BY ISSUE AREA TO A GREATER EXTENT AS THE SIZE OF THE COMMUNITY INCREASED. IN THE SMALLER COMMUNITIES, THE TOP POWER ACTORS TENDED TO BE HOLDING POSITIONS OF AUTHORITY, WHILE THE TOP POWER ACTORS IN THE LARGER COMMUNITIES TENDED TO NOT (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-670 986 15/3 11
MICHIGAN STATE UNIV EAST LANSING DEPT OF COMMUNICATION

A PILOT STUDY OF YOUNG AMERICANS' BELIEFS AND KNOWLEDGE ABOUT CIVIL DEFENSE. (U)

DESCRIPTIVE NOTE: PRELIMINARY REPT. NO. 1, MAR 68 39P GREENBERG,BRADLEY S. ; DOMINICK,JOSEPH R. ;RAZINSKY,EDWARD ;
CONTRACT: DAHC20-67-C-0119
MONITOR: OCD 4831-C

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *PUBLIC OPINION), ATTITUDES, ADOLESCENTS, STUDENTS, SOCIAL COMMUNICATION, FALLOUT SHELTERS (U)

THE STUDY SOUGHT ANSWERS TO TWO QUESTIONS: (1) WHAT IS THE DIFFERENCE BETWEEN TWO GROUPS OF TEENAGERS IN TERMS OF CD INFORMATION AND ATTITUDES, WHERE ONE GROUP HAS BEEN EXPOSED TO AN INTENSIVE IN-SCHOOL CIVIL DEFENSE PROGRAM, AND (2) WHAT DIFFERENCES IN INFORMATION AND ATTITUDES EXIST BETWEEN YOUNGER AND OLDER TEENAGERS (14 VS. 17-YEAR-OLDS). THE PRINCIPAL POSITIVE EFFECTS OF THE SCHOOL CIVIL DEFENSE PROGRAM WERE IN TERMS OF INFORMATIONAL AND COMMUNICATION BEHAVIORS. THE YOUNG PEOPLE WERE BETTER INFORMED, USED MORE AND DIFFERENT SOURCES OF INFORMATION, TALKED MORE ABOUT CD AND SHELTERS, AMONG OTHER BEHAVIORS. TO THE EXTENT THAT AGE MAKES A DIFFERENCE, IT APPEARS TO MANIFEST ITSELF IN SOMEWHAT LESS FAVORABLE CD ATTITUDES. THE YOUNGSTERS WHO HAD BEEN EXPOSED TO A SYSTEMATIC PROGRAM OF INFORMATION THOUGHT MORE FAVORABLY ABOUT CIVIL DEFENSE ALONG SEVERAL DIMENSIONS. THEY RATED CIVIL DEFENSE AS WISER, MORE IMPORTANT, MORE INTERESTING, BOLDER, SAFER, AND MORE EXPENSIVE, THAN DID THE OTHER TEENAGERS. THEIR JUDGMENTS WERE MORE INTENSE. NONE OF THESE JUDGMENTS WERE NEGATIVE ONES. IT WAS THAT THE GROUP WITH MORE INFORMATION WAS RELATIVELY MORE FAVORABLE IN ITS ASSESSMENT OF CD AS A TOPIC. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-681 273 15/3 12/2
RESEARCH TRIANGLE INST DURHAM N C OPERATIONS RESEARCH AND ECONOMICS DIV

CIVIL DEFENSE OPERATING SYSTEM SYNTHESIS: COUNTERMEASURES MODEL. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
OCT 68 69P HENDRY,ROBERT N. ;
REPT. NO. RTI-R-OU-371-1

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, SYSTEMS ENGINEERING), MATHEMATICAL MODELS, COUNTERMEASURES, MISSION PROFILES, FLOW CHARTING, MANAGEMENT PLANNING, MANAGEMENT CONTROL SYSTEMS, COSTS (U)

SYNTHESIS OF A COMPATIBLE LOCAL CIVIL DEFENSE SYSTEM INVOLVES A DEFINITION OF THE MISSIONS, OPERATIONS, COMPONENTS, ORGANIZATION, PERFORMANCE CHARACTERISTICS, AND BENEFITS (OUTPUTS) TO AN APPROPRIATE LEVEL OF DETAIL. THE SYNTHESIZED STRUCTURE IS DESIGNED TO SOLVE IN A DYNAMIC WAY AN ALLOCATION PROBLEM INVOLVING RESOURCE CONSUMPTION AND DEPLOYMENT STRATEGIES. THE BASIC COUNTERMEASURES MODEL CONCEPT IS DESCRIBED SHOWING ITS RELATIONSHIP TO THE TARGET'S UNIT AREAS AND THE PROBLEM-SOLVING DEMANDS OCCURRING WITHIN THEM. MEASURES OF COUNTERMEASURE BENEFITS ARE INDICATED AS OUTPUTS FROM THE MODEL. BENEFITS ARE VIEWED AS THE GAIN MEASURED BY THE DIFFERENCE BETWEEN RESOURCE LOSSES RESULTING FROM COMPETING COUNTERMEASURES. SYSTEM OPERATING CYCLES, INFORMATION FLOW, AND THE GENERAL COUNTERMEASURE MODEL ANALYTICAL PROCESS ARE DESCRIBED BRIEFLY TO CLARIFY THIS APPROACH TO SYSTEM EVALUATION. LOCAL AND NATIONAL MODEL INTERRELATIONSHIPS ARE IDENTIFIED IN ORDER TO INSURE COMPATIBILITY WITH NATIONAL MODEL DEVELOPMENT STUDIES. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-684 936 15/3 6/8
STANFORD RESEARCH INST MENLO PARK CALIF

NEW RATION CONCEPTS. (U)

DESCRIPTIVE NOTE: FINAL REPT. 15 MAR 68-1 FEB 69,
FEB 69 36P TATE,J. NORMAN , JR.;
MATHEWS,RICHARD D. ;STONE,HERBERT ;
CONTRACT: DAHC20-67-C-0136
PROJ: SRI-6300-160

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *FOOD),
COSTS, PROTEINS, AMINO ACIDS, VITAMINS,
STORAGE, ACCEPTABILITY (U)
IDENTIFIERS: *RATIONS (U)

A RATION FOR USE IN THE OFFICE OF CIVIL
DEFENSE RATION PROGRAM WAS DEVELOPED. THE
PRODUCT WAS FORMULATED FROM WHOLE WHEAT FLOUR,
CASEIN, BAKING POWDER, SODIUM CHLORIDE, SUCROSE, FAT,
YEAST, WATER, AND SMALL AMOUNTS OF OTHER INGREDIENTS.
A DAILY PORTION CONTAINED 900 CALORIES AND 18.5%
PROTEIN, AND MET ALL THE REQUIREMENTS FOR THE
ESSENTIAL AMINO ACIDS. THE COST OF THE PRODUCT WAS
ESTIMATED TO BE APPROXIMATELY 11 CENTS PER MAN-DAY.
PRELIMINARY RAT NUTRITION STUDIES WERE
CONDUCTED. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-685 881 5/11 15/3 5/1
HUMAN SCIENCES RESEARCH INC MCLEAN VA

INDICATORS OF SOCIAL VULNERABILITY: SOCIAL INDICATORS IN CIVIL DEFENSE PLANNING AND EVALUATION. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
AUG 68 324P VERTERMARK,S. D. , JR!
GREER,SCOTT !KORNHAUSER,WILLIAM !SWEEN,JOYCE !
WINCH,ROBERT !
REPT. NO. HSR-RR-68/12-BE
CONTRACT: DAHC20-67-C-0136

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, MANAGEMENT PLANNING), (*MANAGEMENT PLANNING, SOCIOMETRICS), SOCIAL PSYCHOLOGY, VULNERABILITY, ATTITUDES, GROUP DYNAMICS, ORGANIZATIONS, LAW, POPULATION, MANAGEMENT PLANNING, CHILDREN, NUCLEAR WARFARE (U)
IDENTIFIERS: POST ATTACK PLANNING, CIVIL DISOBEDIENCE, SOCIAL EFFECTS INDICATORS (U)

THE PURPOSE OF THIS REPORT IS TO PROPOSE AND OUTLINE SOME NEW ANALYTIC TOOLS FOR APPLYING SOCIAL INFORMATION TO SYSTEMS PLANNING AND SYSTEMS EVALUATION IN CIVIL DEFENSE. AS ONE OF A SERIES OF RELATED REPORTS ON THE SOCIAL DIMENSIONS OF CIVIL DEFENSE SYSTEMS ANALYSIS, THIS REPORT BUILDS ON MORE GENERAL WORK WHICH HAS BEEN REPORTED AT EARLIER TIMES. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-686 303 15/3 5/10 5/11
MICHIGAN STATE UNIV EAST LANSING DEPT OF
COMMUNICATION

CORRELATES OF YOUNG AMERICANS' BELIEFS AND
KNOWLEDGE ABOUT CIVIL DEFENSE, (U)

OCT 68 51P GREENBERG,BRADLEY S. ;
DOMINICK,JOSEPH R. ;
REPT. NO. 2, BG-5
CONTRACT: DAHC20-67-C-0119

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: SEE ALSO AD-670 986.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *PUBLIC
OPINION), ATTITUDES, ADOLESCENTS, STUDENTS,
SOCIAL COMMUNICATION, FALLOUT SHELTERS, COSTS,
DECISION MAKING, MOTIVATION, QUESTIONNAIRES (U)

THIS STUDY EXAMINED CERTAIN COMMUNICATION BEHAVIORS
AND ATTITUDINAL BEHAVIORS OF TEEN-AGERS AND THEIR
CONCEPTIONS OF CIVIL DEFENSE AND FALLOUT SHELTERS.
THREE ASPECTS OF COMMUNICATION ACTIVITY WERE
EXAMINED--NUMBER OF SOURCES FOR CIVIL DEFENSE
INFORMATION, COMMUNICATED INTEREST IN CIVIL DEFENSE
AND KNOWLEDGE ABOUT CIVIL DEFENSE. TWO OF THE
ABOVE BEHAVIORS--USING MANY SOURCES OF CD
INFORMATION AND MUCH COMMUNICATED INTEREST IN CD--
WERE HIGHLY INTERCORRELATED. BOTH WERE ALSO
ASSOCIATED WITH MORE MASS MEDIA USE, FREQUENT FAMILY
INTERACTION, AND MORE SCHOOL CD ACTIVITIES. THEY
WERE ALSO ASSOCIATED WITH POSITIVE ATTITUDES TOWARD
CD. KNOWLEDGE ABOUT CD COULD NOT BE WELL
EXPLAINED BY THE VARIABLES IN THE PRESENT STUDY.
WITH REGARD TO THE TEEN-AGERS' ATTITUDES TOWARD
CIVIL DEFENSE AND FALLOUT SHELTERS, THE TWO CRITICAL
ATTITUDINAL AREAS WERE THE INDIVIDUAL'S GENERAL
EVALUATION OF SHELTERS AND THE ATTITUDES HE PERCEIVED
HIS PARENTS TO HAVE. EACH OF THREE SPECIFIC
ASPECTS OF SHELTER ATTITUDES--PROTECTION, CONDITIONS
INSIDE, AND COSTS--WAS STRONGLY INTER-RELATED WITH
BOTH THE TEEN-AGER'S OWN EVALUATION AND HIS
PERCEPTION OF HIS PARENT'S ATTITUDES. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-687 296 15/3 5/11
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

AMERICANS' PERCEPTIONS OF THE INTERNATIONAL AND CIVIL DEFENSE ENVIRONMENTS: 1968. (U)

DESCRIPTIVE NOTE: SUMMARY REPT.,
SEP 68 80P MAST,ROBERT H. ;LAULICHT,
JEROME ;KNESTRICK,ROY ;VIETTHALER,ERICH ;
GLUCKMAN,BARBARA ;
CONTRACT: DAHC20-67-C-0122, NSF-G11309

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: REPORT ON AMERICANS' VIEWS ABOUT CIVIL DEFENSE ISSUES.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, PUBLIC OPINION), ATTITUDES, PATTERN RECOGNITION, THREAT EVALUATION, COMMUNISM, WARFARE, GUIDED MISSILES, DISARMAMENT, PROBLEM SOLVING, PREDICTIONS, BUDGETS, EFFECTIVENESS, REVIEWS (U)
IDENTIFIERS: INTERNATIONAL RELATIONS (U)

THE REPORT EXAMINES ORIENTATIONS OF THE AMERICAN PUBLIC ON ISSUES RELEVANT TO THE INTERNATIONAL AND CIVIL DEFENSE ENVIRONMENTS IN THE SUMMER OF 1968. THE DATA WERE OBTAINED FROM A NATIONAL SURVEY OF APPROXIMATELY 1500 RESPONDENTS. WHERE POSSIBLE, FINDINGS FROM PAST SIMILAR SURVEYS WERE COMPARED WITH THE 1968 DATA. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-687 297 15/3
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

CITIES AND CIVIL DEFENSE: AN ECOLOGICAL APPROACH TO THE ANALYSIS OF CIVIL DEFENSE DATA. (U)

DESCRIPTIVE NOTE: SUMMARY REPT.,
SEP 68 69P MYERS,HOWARD P. ;
CONTRACT: DAHC20-67-C-0122

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: REPORT ON AMERICANS' VIEWS ABOUT CIVIL DEFENSE ISSUES.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *PUBLIC OPINION), STATISTICAL ANALYSIS, URBAN AREAS, FALLOUT SHELTERS, SURVIVAL, REACTION(PSYCHOLOGY), ECOLOGY, ATTITUDES, POPULATION (U)

IN A STUDY IN WHICH ECOLOGICAL AND CIVIL DEFENSE VARIABLES ARE CROSS-TABULATED, IT IS FOUND THAT POPULATIONS OF CITIES THAT ARE RELATIVELY UNSTABLE, MOBILE, AND IMMATURE ARE LIKELY TO DISPLAY A POTENTIAL FOR CIVIL DEFENSE ACTION, FAVORABLE EVALUATION OF FALLOUT SHELTERS IN PARTICULAR AND CIVIL DEFENSE IN GENERAL, PERCEPTION OF LOCAL DANGER AND CHANCES OF SURVIVAL, AND A MARKED LEANING TOWARD CIVIL DEFENSE WHEN RELATED ISSUES IN THE BROADER CONTEXT OF NATIONAL AND INTERNATIONAL AFFAIRS ARE CONSIDERED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-687 381 15/3 5/11
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

CIVIL DEFENSE FAVORABILITY; A CRITICAL ANALYSIS. (U)

DESCRIPTIVE NOTE: SUMMARY REPT.,
JUL 68 46P MYERS,HOWARD P. ;
CONTRACT: DAHC20-67-C-0122, NSF-GI1309

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *PUBLIC OPINION), STATISTICAL ANALYSIS, PROTECTION, NUCLEAR EXPLOSIONS, FALLOUT SHELTERS, SOCIOLOGY, ATTITUDES (U)

BY LOCATING PEOPLE IN TERMS OF A DISTINCTION BETWEEN CIVIL DEFENSE FAVORABILITY AS A SOCIAL PRESCRIPTION AND CIVIL DEFENSE FAVORABILITY AS A SOCIAL ISSUE, IT WAS POSSIBLE TO SPECIFY TENDENCIES IN TERMS OF THE VARIABLES THAT WERE THE FOCI OF THIS ANALYSIS. HIGHLY INFORMED PEOPLE WHO DISAGREED THAT THE POWERS OF THE FEDERAL GOVERNMENT ARE EXCESSIVE SHOWED TENDENCIES TO OBSERVE SOCIAL PRESCRIPTIONS (TOOK PROTECTIVE STEPS IN THE CASE OF NUCLEAR ATTACK) AND TO SUPPORT SOCIAL ISSUES (FAVORED THE BUILDING OF FALLOUT SHELTERS). LOWLY INFORMED PEOPLE WHO AGREED THAT THE POWERS ARE EXCESSIVE SHOWED JUST THE OPPOSITE TENDENCIES. PEOPLE WHO WERE HIGHLY INFORMED BUT WHO AGREED AND PEOPLE WHO WERE LOWLY INFORMED BUT WHO DISAGREED SHOWED MIXED TENDENCIES. FOR THE LATTER, SUPPORT FOR SHELTER BUILDING WAS LARGELY A CONVENTIONALIZED RESPONSE. FOR THE FORMER, OPPOSITION WAS NOT A REFLECTION OF DEFIANCE TOWARDS A PARTICULAR SOCIAL INSTITUTION. IT WAS THE ARTICULATION OF A POSITION IN WHICH A CERTAIN CONTROVERSY WAS PERCEIVED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-689 462 15/3
SYSTEM DEVELOPMENT CORP SANTA MONICA CALIF

INTRA EOC SYSTEMS ANALYSIS. (U)

DESCRIPTIVE NOTE: TECHNICAL MEMO.,
MAY 69 78P GAYDOS,HENRY F. ;
REPT. NO. SDC-TM-L-4202/001/00

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: PREPARED IN COOPERATION WITH
STANFORD RESEARCH INST., MENLO PARK, CALIF.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, OPERATIONAL
READINESS), ANALYSIS, MANAGEMENT ENGINEERING,
COMMUNICATION SYSTEMS, SYSTEMS ENGINEERING (U)
IDENTIFIERS: *EMERGENCY OPERATIONS CENTERS (U)

THE SIGNIFICANT FACTORS INVOLVED IN EXPEDITING THE
FLOW OF INFORMATION THROUGH A CIVIL DEFENSE
EMERGENCY OPERATIONS CENTER, AND THEIR
IMPLICATIONS FOR ANALYSIS AND RESOLUTION OF PROBLEM
AREAS ARE PRESENTED AND DISCUSSED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-691 134 15/3 15/6
STANFORD RESEARCH INST MENLO PARK CALIF

EVALUATION OF CIVIL DEFENSE OPERATIONAL CONCEPTS. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
NOV 68 51P LAURINO,RICHARD (KAMRADT,C. ALEXANDER ;
CONTRACT: DAHC20-67-C-0116
PROJ: SRI-MU-6250-020

UNCLASSIFIED REPORT

DESCRIPTORS: (*NUCLEAR WARFARE, CIVIL DEFENSE SYSTEMS), (*CIVIL DEFENSE SYSTEMS, *COUNTERMEASURES), DAMAGE ASSESSMENT, NUCLEAR EXPLOSION DAMAGE, FIRES, EXPLOSION EFFECTS, VULNERABILITY, RADIATION HAZARDS, NUCLEAR WARFARE CASUALTIES, FALLOUT SHELTERS, AIRBURST, SURFACE BURST, RADIOACTIVE FALLOUT, DOSE RATE, STATISTICAL DATA, CIVIL DEFENSE PERSONNEL (U)
IDENTIFIERS: BOS(BASIC OPERATING SITUATIONS), BASIC OPERATING SITUATIONS (U)

THE CONCEPTS OF CIVIL DEFENSE OPERATIONAL PLANNING FOR THE TRANSATTACK PERIOD ON THE BASIS OF EXPECTED OPERATIONAL SITUATIONS OR CONTINGENCIES ARE REVIEWED. NINE SITUATIONS BASED ON COMBINATIONS OF SELECTED LEVELS OF FALLOUT INTENSITIES AND WEAPON-CAUSED FIRES ARE CONSIDERED, INCLUDING ONE SITUATION INVOLVING NO WEAPONS EFFECTS. THE REQUIRED EMERGENCY OPERATIONS ATTENDANT TO EACH SITUATION ARE IDENTIFIED. THE GEOGRAPHICAL AREA FOR WHICH OPERATIONAL CONTINGENCY PLANS WOULD BE DEVELOPED WOULD BE SUCH THAT THE OPERATIONAL SITUATION WOULD BE THE SAME THROUGHOUT THE AREA. ACCORDINGLY, STATISTICAL MEASURES WERE DEVELOPED AS THE BASIS FOR SELECTION OF THE UNIT AREAS WHICH SHOW THE FALLOUT INTENSITY GRADIENTS AS A FUNCTION OF A RANGE OF WEAPON YIELDS AND PROBABLE WIND CONDITIONS, EXPECTED THERMAL IGNITION RANGES, AND OVERPRESSURE SCALING FUNCTIONS. (AUTHOR) (U)

AD-692 876 5/3 15/3
INSTITUTE FOR DEFENSE ANALYSES ARLINGTON VA PROGRAM ANALYSIS DIV

ECONOMIC STRUCTURE OF THE UNITED STATES USING THE COUNTY AS A FUNCTIONAL BASE. (U)

DESCRIPTIVE NOTE: RESEARCH PAPER,
APR 69 168P SACHS,ABNER ;TIMMERMANS, JUDITH A. ;
REPT. NO. RP-P-511
CONTRACT: OCD-PS-66-113
MONITOR: IDA/HQ 69-10145

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, RECOVERY), (*ECONOMICS, *UNITED STATES), MOBILIZATION, PASSIVE DEFENSE, TABLES, ANALYSIS, POPULATION, INDUSTRIES, COMMERCE, AGRICULTURE, MINERALS, MONEY, CARGO, DAMS, IRON INDUSTRY, STEEL INDUSTRY, PETROLEUM INDUSTRY, ELECTRIC POWER PRODUCTION (U)
IDENTIFIERS: *ECONOMIC GEOGRAPHY, *REGIONAL PLANNING, ZIP MARKETING AREAS, RESOURCES, NATURAL GAS, LIVESTOCK (U)

THE PAPER PRESENTS POPULATION AND OTHER SELECTED RESOURCE DATA USING THE COUNTY AS THE BASIC GEOGRAPHIC UNIT. THE ECONOMIC MEASURES WERE CHOSEN WITH CIVIL DEFENSE PLANNING IN MIND. THEY INCLUDE, AMONG OTHERS: VALUE ADDED BY MANUFACTURE, NUMBER OF MANUFACTURING ESTABLISHMENTS, IRON AND STEEL MILLS, PETROLEUM REFINERIES, ELECTRIC GENERATING STATIONS, EMPLOYMENT, RETAIL TRADE SALES, FOOD SALES, WHOLESALE TRADE SALES, AGRICULTURAL ACREAGE, VALUE OF CROPS AND LIVESTOCK SOLD, AND VALUE OF MINERAL SHIPMENTS. THESE DATA, ARRAYED BY COUNTY, ARE COMPARED TO POULATION BASES CONSISTING OF THE COUNTIES CONTAINING THE FIRST 20 TO 60 PERCENT OF THE TOTAL US POPULATION. THE COUNTIES INCLUDED IN THESE POPULATION PERCENTAGES ARE DESIGNATED AND ANALYZED AS 'CORE' COUNTIES AND THE COUNTIES CONTIGUOUS TO THEM ARE ALSO SEPARATED OUT FOR INVESTIGATION. THIS 'CORE' AND 'CONTIGUOUS' COUNTY ARRANGEMENT LED TO A STRUCTURING OF ECONOMIC REGIONS AS A PROPER FRAME FOR CIVIL DEFENSE RECOVERY OPERATIONS. 'ZIP MARKETING AREAS' WERE FOUND TO BE THE MOST USEFUL DESIGN FOR ECONOMIC REGIONS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-695 641 5/3 15/3
STANFORD RESEARCH INST MENLO PARK CALIF

REQUIREMENTS FOR COMPARATIVE EVALUATION OF COUNTERMEASURES TO POSSIBLE POSTATTACK FISCAL PROBLEMS. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
APR 69 48P DRESCH,FRANCIS A. ;
CONTRACT: DAHC20-67-C-0016
PROJ: SRI-6250-054, OCD-3531E

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, ECONOMICS), (*NUCLEAR EXPLOSION DAMAGE, COUNTERMEASURES), MATHEMATICAL MODELS, MONEY, CONTROL, PRODUCTION, LABOR, MANAGEMENT PLANNING, CIVIL DEFENSE SYSTEMS (U)

IN THE COURSE OF RESEARCH ON TOTAL VULNERABILITY, A QUANTITATIVE MODEL HAS BEEN DEVELOPED FOR USE IN DESCRIBING FINANCIAL AND OTHER INSTITUTIONAL SYSTEMS RELATED TO THE ECONOMY AS A WHOLE. THE REPORT DISCUSSES SELECTED APPLICATIONS OF THE PROTOTYPE MODEL TO POSTATTACK PLANNING AND CONSIDERS THE FEASIBILITY OF EXTENDING IT TO FACILITATE ITS USE FOR SUCH APPLICATIONS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-696 135 15/3
URS RESEARCH CO BURLINGAME CALIF

CIVIL DEFENSE OPERATIONAL CONCEPTS, (U)

MAY 69 120P MILLER,CARL F. I
REPT. NO. URS-757-1
CONTRACT: DAHC20-69-C-0142
PROJ: OCD-3119A

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *MANAGEMENT PLANNING), (*NUCLEAR WARFARE, PASSIVE DEFENSE), NUCLEAR EXPLOSIONS, SYSTEMS ENGINEERING, HAZARDS, SHELTERS, RADIOACTIVE FALLOUT, DAMAGE ASSESSMENT, SURVIVAL, RADIATION EFFECTS, MORTALITY RATES, CASUALTIES, DEBRIS, FIRES, BLAST, VEHICLES (U)
IDENTIFIERS: *OPERATIONAL CONCEPTS (U)

RELATIONSHIPS AMONG NUCLEAR WEAPONS EFFECTS AND CIVIL DEFENSE OPERATIONAL SYSTEM VARIABLES ARE SUMMARIZED AND USED AS A BASIS FOR DERIVING CIVIL DEFENSE OPERATIONAL CONCEPTS, CLASSIFICATION OF HAZARD CONDITIONS, AND SYSTEMS OF STANDARD OPERATION ROUTINES, CENTERED ON PROTECTIVE SHELTER AND ON OPERATIONS FROM THE SHELTER. NINE GENERAL CLASSES OF BASIC HAZARD CONDITIONS (BHC) FOR WHICH DIFFERENT OPTIONS OF STANDARD OPERATING ROUTINES (SOR'S) WOULD BE REQUIRED ARE SUGGESTED. THE NINE CLASSES ARE COMBINATIONS OF THREE POSSIBLE LEVELS OF FALLOUT HAZARDS AND THREE POSSIBLE LEVELS OF PHYSICAL DAMAGE FOR AN AREA. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-697 180 15/3 14/1
WESTINGHOUSE ELECTRIC CORP WALTHAM MASS ADVANCED STUDIES GROUP

COST-EFFECTIVENESS MEASUREMENT OF CIVIL DEFENSE SYSTEMS. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
OCT 69 89P SINGER,ARNOLD ;RICHARDSON,R.
P. ;
REPT. NO. W-4291
CONTRACT: DAHC20-68-C-0162
PROJ: OCD-4115C

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, COST EFFECTIVENESS), SYSTEMS ENGINEERING, STATISTICAL ANALYSIS, DECISION MAKING, MISSION PROFILES (U)

THE PROBLEM OF MEASURING THE EFFECTIVENESS OF THE TOTAL CIVIL DEFENSE SYSTEM IS ADDRESSED IN THE STUDY, WITH THE EMPHASIS AND PRIMARY CONCERN BEING THE DEVELOPMENT AND METHODS OF APPLICATION OF CRITERIA MEASURES FOR SYSTEM EVALUATION. THE REPORT PRESENTS AND DISCUSSES CRITERIA THAT SHOULD BE USED IN ESTABLISHING EVALUATION MEASURES; PROBLEMS THAT ARE ENCOUNTERED WHEN MEASURES OF PERFORMANCE AND EFFECTIVENESS ARE USED FOR SYSTEM AND SUBSYSTEM EVALUATIONS, AND METHODS OF DEALING WITH THESE PROBLEMS; AND SOME MEASURES OF COST, PERFORMANCE, AND EFFECTIVENESS RELEVANT TO CD SYSTEMS EVALUATION. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-704 366 15/3 5/1
RESEARCH TRIANGLE INST DURHAM N C OPERATIONS RESEARCH AND ECONOMICS DIV

DEFINITION OF LOCAL OPERATING AREAS. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
MAR 70 87P TRUSTMAN,S. ;
REPT. NO. RTI-OU-427-2
CONTRACT: DAHC20-69-C-0107
PROJ: OCD-4316B

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *MANAGEMENT PLANNING); THREAT EVALUATION, URBAN AREAS, RURAL AREAS, DATA PROCESSING SYSTEMS, POPULATION, VULNERABILITY, STANDARDS, PERSONNEL (U)

THE OBJECTIVES OF THIS INVESTIGATION WERE THREEFOLD: THE INVESTIGATION AND ANALYSIS OF PATTERNS OF GEOGRAPHICAL SUBDIVISIONS OF LOCALITIES IN TERMS OF THEIR USABILITY AND DESIRABILITY FOR THE PURPOSES OF EVALUATING LOCAL TOTAL CIVIL DEFENSE SYSTEMS; THE DETERMINATION OF DATA TO BE COLLECTED TO DESCRIBE EACH OF THE GEOGRAPHICAL SUBDIVISIONS IN TERMS SUITABLE FOR THE EVALUATION OF LOCAL CIVIL DEFENSE SYSTEMS; AND THE DEVELOPMENT OF PROCEDURES TO ESTIMATE THE VULNERABILITY OF THE PEOPLE, INSTITUTIONS AND RESOURCES OF THE GEOGRAPHIC SUBDIVISIONS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-705 500 15/3 5/1
DEFENSE DOCUMENTATION CENTER ALEXANDRIA VA

CIVIL DEFENSE SYSTEMS: SOCIAL IMPACT AND MANAGEMENT PLANNING. VOLUME I. (U)

DESCRIPTIVE NOTE: REPORT BIBLIOGRAPHY AUG 60-OCT 69. MAY 70 157P
REPT. NO. DDC-TAS-70-45-1

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: SEE ALSO VOLUME 2, AD-868 900.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, BIBLIOGRAPHIES), (*MANAGEMENT PLANNING, CIVIL DEFENSE SYSTEMS), MANAGEMENT PLANNING, ATTITUDES, PUBLIC OPINION, MANPOWER, ECONOMICS, TRAINING, RADIOACTIVE FALLOUT, SHELTERS, CIVIL DEFENSE PERSONNEL (U)

THIS BIBLIOGRAPHY IS VOLUME I OF A TWO-VOLUME SET OF REFERENCES ON CIVIL DEFENSE SYSTEMS: SOCIAL IMPACT AND MANAGEMENT PLANNING. DOCUMENTS CONTAINED IN THIS VOLUME PERTAIN TO MANAGEMENT TRAINING, PUBLIC OPINION, SOCIAL IMPACT, AND PSYCHOLOGICAL EFFECTS. COMPUTER-GENERATED INDEXES OF CORPORATE AUTHOR-MONITORING AGENCY, SUBJECT, AND CONTRACT ARE PROVIDED. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL No. /ZMML7

AD-710 302 15/6 5/11
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

THE PERCEPTION OF LOCAL SURVIVAL CHANCES: AN EXPLORATORY EXPLANATION, (U)

MAR 70 50P MAST,ROBERT H.
CONTRACT: DAHC20-67-C-0122, NSF-G11309

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: REPORTS ON AMERICANS' VIEWS ABOUT CIVIL DEFENSE ISSUES.

DESCRIPTORS: (*NUCLEAR WARFARE, SURVIVAL), (*ATTITUDES, NUCLEAR WARFARE), CIVIL DEFENSE SYSTEMS, DISARMAMENT, SHELTERS, QUESTIONNAIRES (U)

THE REPORT EXAMINES THE IMPACT OF A COMBINATION OF ATTITUDES, BEHAVIORS, AND SOCIAL CHARACTERISTICS ON PEOPLE'S PERCEPTIONS OF HOW MANY PEOPLE IN THEIR LOCALITY WOULD SURVIVE A NUCLEAR WAR. ATTITUDES ABOUT CIVIL DEFENSE ISSUES AND THE INTERNATIONAL CONTEXT WERE FOUND TO BE THE BEST PREDICTORS OF THE ESTIMATES OF SURVIVAL. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-711 056 15/3 5/11
STANFORD RESEARCH INST MENLO PARK CALIF

FAMILY FINANCE AS A CONSTRAINT ON CIVIL DEFENSE SYSTEMS. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
APR 70 63P DRESCH,FRANCIS W. I
CONTRACT: DAHC20-69-C-0295
PROJ: SRI-MU-8020, OCD-4153A

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, ECONOMICS), EMPLOYMENT, WAGES, TRANSPORTATION, RECORDS, COMMUNICATION SYSTEMS, SURVIVAL (U)
IDENTIFIERS: *BANKING SERVICES (U)

THE OBJECTIVES OF THE STUDY WERE TO IDENTIFY POSSIBLE CONSTRAINTS ON CIVIL DEFENSE SYSTEMS THAT MIGHT ARISE BECAUSE OF FINANCIAL CONCERNS OF INDIVIDUAL HOUSEHOLDERS AND TO ASSESS CONCEIVABLE COUNTERMEASURES TO THE CONSTRAINTS IDENTIFIED. THE HOUSEHOLDER FINANCIAL CONCERNS OF RELEVANCE WERE FOUND TO BE THOSE ASSOCIATED WITH CONTINUITY OF EMPLOYMENT AND WAGES, ADEQUATE TRANSPORTATION FOR COMMUTING AND SHOPPING, ADEQUATE BANKING AND CHECK CLEARING SERVICES, AVAILABILITY OF CREDIT, AND SURVIVAL OF FINANCIAL RECORDS. THE CIVIL DEFENSE SYSTEMS CONCEIVABLY AFFECTED BY HOUSEHOLDER FINANCIAL CONCERNS WERE EVACUATION AND RELOCATION, EMERGENCY LOCAL TRANSPORTATION, BANKING SERVICES, PROTECTION OF FINANCIAL RECORDS, COMMUNICATIONS, AND POLICIES AND CONTROLS FOR FINANCIAL INSTITUTIONS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-711 118 15/3 5/11
PITTSBURGH UNIV PA DEPT OF SOCIOLOGY

THE PUBLIC'S PERCEPTION OF LOCAL CIVILIAN DEFENSE EFFORTS AND FACILITIES, (U)

MAR 70 41P COHEN,PEARL B. I
CONTRACT: DAHC20-67-C-0122
PROJ: OCD-4812B

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: ONE IN A SERIES OF REPORTS ON AMERICAN'S VIEWS ABOUT CIVIL DEFENSE ISSUES.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *PUBLIC OPINION), QUESTIONNAIRES, REVIEWS, FALLOUT SHELTERS, NUCLEAR WARFARE (U)

AN OVERWHELMING MAJORITY OF AMERICANS INDICATED IN JUNE 1968 THAT THE COUNTRY WOULD NOT BE ENGAGED IN A NUCLEAR WAR WITHIN THE NEXT FIVE YEARS. THE HIGHER THE SOCIO-ECONOMIC CLASS, THE MORE OPTIMISM PREVAILED. CONSEQUENTLY PUBLIC INTEREST IN CIVIL DEFENSE AND RELEVANT INDIVIDUAL ACTIVITY WAS LOW. ALTHOUGH PEOPLE WERE MORE CERTAIN OF WHERE SHELTER WOULD BE SOUGHT IF A NUCLEAR ATTACK OCCURRED WHILE AT WORK RATHER THAN AT HOME, FEW PEOPLE HAD GIVEN THE MATTER SERIOUS THOUGHT. MOST CITIZENS KNEW NOTHING OF WHAT WAS BEING ACCOMPLISHED BY CIVIL DEFENSE OFFICERS ON THE LOCAL LEVEL. PEOPLE APPEARED UNCONCERNED AND REFUSED GENERALLY TO EVALUATE LOCAL CIVIL DEFENSE PROGRAMS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-712 314 15/3
STANFORD RESEARCH INST MENLO PARK CALIF

THE USE OF SYSTEMS TECHNIQUES IN CIVIL DEFENSE. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
MAY 70 186P DEVANEY,JOHN F. I
CONTRACT: DAHC20-67-C-0136
PROJ: OCD-2313A

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: PREPARED IN COOPERATION WITH URS RESEARCH CO., SAN MATEO, CALIF., REPT. NO. URS-691.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *SYSTEMS ENGINEERING), RESEARCH PROGRAM ADMINISTRATION, STATE-OF-THE-ART REVIEWS, TRAINING, BUDGETS, UNITED STATES GOVERNMENT, SHELTERS, COST EFFECTIVENESS (U)
IDENTIFIERS: EVALUATION (U)

CIVIL DEFENSE HAS THE ATTRIBUTES OF A SYSTEM AND THE TECHNIQUES OF SYSTEMS EVALUATION HAVE BEEN APPLIED IN THE DEVELOPMENT OF POLICY AND PROGRAMS SINCE THE MIDDLE 1950'S. ADVANCES HAVE BEEN MADE IN THE STATE-OF-THE-ART OF CIVIL DEFENSE AND OF SYSTEMS EVALUATION. APPLICATION OF SYSTEMS EVALUATION TECHNIQUES TO CIVIL DEFENSE IS REVIEWED. A MODIFIED ANALYTIC FRAMEWORK IS PRESENTED WITH DEFINITIONS, GRAPHIC AIDS, AND A QUALITATIVE DEMONSTRATION OF THE METHOD AND OF ITS APPLICATION TO OTHER ACTIVITIES SUCH AS: OPERATIONAL PLANNING, ORGANIZATION, TRAINING, AND SO ON. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-714 991 13/12 5/11 15/3
OHIO STATE UNIV COLUMBUS DISASTER RESEARCH CENTER

THE WARNING SYSTEM IN DISASTER
SITUATIONS: A SELECTIVE ANALYSIS. (U)

DESCRIPTIVE NOTE: RESEARCH REPT.,
JUL 70 78P MCLUCKIE,BENJAMIN F. ;
REPT. NO. DRC-SER-9
CONTRACT: OCD-PS-64-46

UNCLASSIFIED REPORT

DESCRIPTORS: (*DISASTERS, *WARNING SYSTEMS),
CIVIL DEFENSE SYSTEMS, SOCIAL PSYCHOLOGY,
REACTION(PSYCHOLOGY), FACTOR ANALYSIS,
CLASSIFICATION, STATISTICAL DATA, TIME,
MANAGEMENT PLANNING, DAMAGE, CONTROL SYSTEMS,
THREAT EVALUATION, DECISION MAKING, DATA
PROCESSING SYSTEMS, COMMUNICATION SYSTEMS, NUCLEAR
EXPLOSIONS (U)

IN MANY WAYS WARNING CAN BE THE MOST IMPORTANT
PHASE OF THE DISASTER RESPONSE. WARNING IS THOUGHT
OF NOT JUST IN TERMS OF MECHANICAL DEVICES BUT IN
TERMS OF PSYCHOLOGICAL AND SOCIOLOGICAL STRUCTURES
AND PROCESSES. WARNING IS NOT ONLY ADVANCE
NOTIFICATION OF THE EXISTENCE OF DANGER BUT ALSO
INFORMATION ABOUT WHAT CAN BE DONE TO PREVENT, AVOID,
OR MINIMIZE THE DANGER. THE CHARACTERISTICS OF THE
DISASTER AGENT -- FREQUENCY, SPEED OF ONSET, SCOPE OF
IMPACT, DESTRUCTIVE POTENTIAL, ETC. -- AFFECT THE
WARNING PROCESS. BEFORE A WARNING MESSAGE CAN BE
ISSUED, THREAT DATA MUST BE COLLECTED, COLLATED, AND
EVALUATED. THE REPORT EXAMINES WHAT IS INVOLVED IN
THESE PROCESSES. INCLUDED AMONG THE FACTORS
INFLUENCING RESPONSE ARE THE SOCIO-CULTURAL
FRAMEWORK, THE HISTORICAL SETTING, AND THE IMMEDIATE
ONGOING SOCIAL SITUATION. THE REPORT CONTAINS A
DISCUSSION OF IMPLICATIONS FOR NUCLEAR CATASTROPHE.
(AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-718 881 15/3 5/9
URS RESEARCH CO SAN MATEO CALIF

EVALUATION OF EMERGENCY OPERATIONS SIMULATION TRAINING. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
NOV 70 79P HARKER,ROBERT A. ;
REPT. NO. URS-793
CONTRACT: DAHC20-70-C-0293
PROJ: OCD-2611E

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, TRAINING), NUCLEAR WARFARE, SIMULATION, THREAT EVALUATION, PROBLEM SOLVING, LEADERSHIP, ORGANIZATIONS, INTERACTIONS, PROGRAMMED INSTRUCTION (U)
IDENTIFIERS: TRANSATTACK ENVIRONMENTS, *EMERGENCY OPERATIONS SIMULATION TRAINING, ENEMY ATTACK CAPABILITIES, OBJECTIVES, EVALUATION, NEW ORLEANS(LOUISIANA) (U)

THE REPORT PRESENTS EVALUATIONS OF THE OCD EMERGENCY OPERATIONS SIMULATION TRAINING (EOST) EXERCISES CONDUCTED FOR LOCAL JURISDICTIONS. THE EVALUATIONS WERE BASED ON OBSERVATION AND PARTICIPATION IN FIVE EXERCISES AS WELL AS ON ANALYSES OF THE EXTENSIVE EXPERIENCE OF OTHERS. IN ADDITION, THE RESEARCH INCLUDED ESTIMATES OF CURRENT ENEMY ATTACK CAPABILITIES, AND STUDIES OF ADVANCED CIVIL DEFENSE CONCEPTUAL DEVELOPMENTS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-718 924 5/11 15/3
MICHIGAN STATE UNIV EAST LANSING DEPT OF
COMMUNICATION

THE HOME FALLOUT PROTECTION SURVEY IN
MICHIGAN: ITS IMPACT ON THE GENERAL
PUBLIC. (U)

APR 70 12P BERLO,DAVID K. ;
REPT. NO. HFPS-3
CONTRACT: DAHC20-67-C-0119

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: REPORT ON THE PUBLIC OPINION ON
SHARING HOME BASEMENTS DURING STORM OR
RADIOACTIVE FALLOUT DISASTERS.

DESCRIPTORS: (*DISASTERS, ATTITUDES),
(*SHELTERS, PUBLIC OPINION), STORMS,
RADIOACTIVE FALLOUT, CIVIL DEFENSE SYSTEMS, SOCIAL
COMMUNICATION, STATISTICAL ANALYSIS (U)
IDENTIFIERS: SHELTER OCCUPANCY, HOME BASEMENTS,
EMERGENCY HOME SHARING, INTERVIEWS (U)

THE REPORT FOCUSES ON THE RESPONSES MADE BY A
STATE-WIDE PROBABILITY SAMPLE OF MICHIGAN RESIDENTS
TO QUESTIONS DEALING WITH THEIR WILLINGNESS TO SHARE
THEIR HOME BASEMENTS--IN THE EVENT OF NATURAL
DISASTER, OR NUCLEAR ATTACK, WITH EITHER FRIENDS,
NEIGHBORS, OR STRANGERS. SUBGROUPS OF THE
POPULATION WERE STUDIED IN RESPONSE TO THESE
QUESTIONS: A WIDE VARIETY OF SUBGROUPS WERE EXAMINED
ALONG DIFFERING LEVELS OF CIVIL DEFENSE ATTITUDES AND
INFORMATION, COMMUNICATIONS WITH RESPECT TO CIVIL
DEFENSE, AND DEMOGRAPHIC FACTORS. THE FINDINGS WERE
THEN COMPARED WITH SIMILAR QUESTIONS ASKED IN OTHER
MID-WEST URBAN AND RURAL AREAS, AND IN A NATION-WIDE
PROBABILITY SAMPLE: ALL THREE SETS OF RESULTS
CONSISTENTLY SHOWED HIGH LEVELS OF PUBLIC SUPPORT FOR
HOMESHARING IN THE EVENT OF NUCLEAR ATTACK.
(AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-722 870 5/1
DEFENSE DOCUMENTATION CENTER ALEXANDRIA VA

MANAGEMENT ENGINEERING. (U)

DESCRIPTIVE NOTE: REPORT BIBLIOGRAPHY JAN-OCT 70.
APR 71 201P
REPT. NO. DDC-TAS-71-5

UNCLASSIFIED REPORT

DESCRIPTORS: (*MANAGEMENT ENGINEERING, *BIBLIOGRAPHIES), (*MANAGEMENT PLANNING, BIBLIOGRAPHIES), ABSTRACTS, INDEXES, TRANSPORTATION, INDUSTRIES, CIVIL DEFENSE SYSTEMS, DATA PROCESSING SYSTEMS, MATHEMATICAL PREDICTION, FALLOUT SHELTERS, TRANSPORTATION, INVENTORY CONTROL, URBAN PLANNING, DECISION MAKING, LOGISTICS (U)
IDENTIFIERS: MANAGEMENT INFORMATION SYSTEMS, ANNOTATED BIBLIOGRAPHIES (U)

THE ABSTRACTS TO REPORTS IN THIS BIBLIOGRAPHY ARE PERTINENT TO MANAGEMENT PLANNING IN TRANSPORTATION, INDUSTRIES, CIVIL DEFENSE SYSTEMS, AND OTHER MAN-ORGANIZED SYSTEMS. THE INDEXES ARE FOR CORPORATE AUTHOR-MONITORING AGENCY AND SUBJECT. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-724 164 15/3
MICHIGAN STATE UNIV EAST LANSING DEPT OF
COMMUNICATION

THE HOME FALLOUT PROTECTION SURVEY AND
COMMUNITY SHELTER PLANS IN MICHIGAN:
THEIR IMPACT ON THE GENERAL PUBLIC. FAMILY
COMMUNICATION ABOUT CIVIL DEFENSE TOPICS:
A REPORT OF TWO PILOT STUDIES. (U)

DESCRIPTIVE NOTE: PILOT STUDY REPT. NO. 4,
JAN 71 19P BERLO,DAVID K. ;WACKMAN,
DANIEL B. ;ERICSON,PHILIP M. ;
CONTRACT: DAHC20-67-C-0119

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, PUBLIC
OPINION), (*FALLOUT SHELTERS, CIVIL DEFENSE
SYSTEMS), REACTION(PSYCHOLOGY), EDUCATION,
ATTITUDES, QUESTIONNAIRES, NUCLEAR RADIATION,
NUCLEAR WARFARE (U)
IDENTIFIERS: HOME FALLOUT PROTECTION SURVEYS (U)

THE REPORT SUMMARIZES TWO PILOT RESEARCH STUDIES
WHICH EXPLORED HOW AMERICAN FAMILIES PROCESS AND
UTILIZE CIVIL DEFENSE INFORMATION. THE FIRST STUDY
COMPARED PUBLIC REACTIONS TO COMMUNITY SHELTER
PLAN INFORMATION TO HOME FALLOUT PROTECTION
SURVEY INFORMATION; AND FOUND THEM SIMILAR IN
AWARENESS, PROCESSING, USE IN PLANNING, AND
EVALUATION OF THE INFORMATION. THE STRENGTHS AND
WEAKNESS OF CSP INFORMATION ARE NOTED. THE
SECOND STUDY EXAMINED HOW A SAMPLE OF 30 LOWER AND
MIDDLE CLASS COUPLES INTERACTED ABOUT CIVIL DEFENSE
TOPICS. THE FINDINGS INDICATED NUCLEAR ROLE
ASSIGNMENT FOR CIVIL DEFENSE IN THE FAMILIES, LOW
PRIORITY TO ITS IMPORTANCE, BUT USE OF THE SAME BASIC
INTERACTION STYLE IN DISCUSSING IT. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-724 727 15/3
IOWA STATE UNIV AMES DEPT OF SOCIOLOGY AND ANTHROPOLOGY

THE HOME FALLOUT PROTECTION SURVEY AND RESULTING CHANGES IN SHELTER ADOPTION. SUMMARY REPORT. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
SEP 70 56P YARBROUGH,PAUL ;KLONGLAN, GERALD E. ;
REPT. NO. RURAL SOCIOLOGY-85A
CONTRACT: DAHC20-67-C-0123
PROJ: OCD-4811E

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: REPORT ON SOCIOLOGICAL STUDIES IN CIVIL DEFENSE. PREPARED IN COOPERATION WITH IOWA AGRICULTURAL AND HOME ECONOMICS EXPERIMENT STATION, PROJECT 1529. SEE ALSO APPENDICES, AD-724 728.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, ATTITUDES), QUESTIONNAIRES, REVIEWS, IOWA (U)
IDENTIFIERS: SURVEYS, HOME FALLOUT PROTECTION (U)

THE STUDY INVESTIGATED RESPONSES MADE BY ADULTS IN DES MOINES, IOWA, TO THE HOME FALLOUT PROTECTION SURVEY (HFPS). A PANEL OF 308 PERSONS WERE INTERVIEWED BEFORE AND AFTER HFPS. THE AUDIENCE WAS FOUND TO HAVE RESPONDED QUITE FAVORABLY IN TERMS OF ATTENTION GIVEN HFPS MESSAGES, ATTITUDINAL ACCEPTANCE OF THE PROGRAM AND CHANGE IN ADOPTION OF PUBLIC AND HOME FALLOUT SHELTERS. OVER 66 PERCENT WERE AWARE OF THE PROGRAM AND NEARLY 30 PERCENT READ AT LEAST SOME OF THE HFPS BOOKLET. COMBINED ADOPTION OF HOME AND PUBLIC SHELTERS INCREASED FROM 26 PERCENT OF ALL HOUSEHOLDS BEFORE HFPS TO 44 PERCENT AFTERWARDS. HOWEVER, COMPREHENSION OF SUCH KEY CONCEPTS AS 'PROTECTION FACTOR' AND 'ADDED WEIGHT' WAS QUITE LOW AND CONSTITUTED ONE OF THE WEAKEST LINKS IN THE PROGRAM. THE DISPOSITIONAL MODEL DID NOT HOLD WELL IN PREDICTING ATTENTION TO HFPS, BUT DID HOLD IN PREDICTING COMPREHENSION AND ACCEPTANCE RESPONSES. THE USE OF PANEL METHODOLOGY WAS FOUND TO CONTRIBUTE SIGNIFICANT BIAS TO THE OBSERVED RESPONSE TO HFPS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-726 001 11/5 21/2 15/6
NAVAL ORDNANCE LAB WHITE OAK MD

FUEL VALUES AND BURNING TIMES OF SELECTED
FUEL ARRAYS. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
MAR 71 17P BRACCIAVENTI,JOHN ;
REPT. NO. NOLTR-71-76
PROJ: OCD-2535B

UNCLASSIFIED REPORT

DESCRIPTORS: (*TEXTILES, *COMBUSTION),
(*BUILDINGS, FIRES), (*NUCLEAR WARFARE, URBAN
AREAS), CIVIL DEFENSE SYSTEMS, HOUSING, FIRE
SAFETY, FIRE RESISTANT TEXTILES, FLAMMABILITY,
BURNING RATE (U)
IDENTIFIERS: *CURTAINS, *DRAPES, *WINDOW
SHADES (U)

FUEL VALUES AND BURNING TIMES OF SEVENTEEN SELECTED
WINDOW FUEL ARRAYS WERE DETERMINED EXPERIMENTALLY FOR
CONDITIONS UNDER WHICH THE ARRAYS ARE COMMONLY FOUND.
THE RESULTS WERE COMPARED WITH PREDICTED FUEL
VALUES AND BURNING TIMES MADE IN CONJUNCTION WITH
SURVEYS OF PROVIDENCE AND DETROIT. THE RESULTS
INDICATE THAT THE FUEL VALUES FOR THE BURNING ARRAYS
ARE ON THE AVERAGE 50 PERCENT LOWER THAN THOSE
PREDICTED. THE FLAMING TIME OF THE FUELS WAS FOUND
TO BE TWICE TO SIX TIMES THOSE PREDICTED. HOWEVER THE
HANGING FUELS FELL TO THE FLOOR IN CONSIDERABLY
SHORTER TIMES THAN THE ESTIMATED BURNING TIMES.
SOME OF THE IMPLICATIONS OF THE RESULTS TO ROOM
FLASHOVER ARE DISCUSSED. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-726 456 15/2 5/10
AMERICAN INSTITUTES FOR RESEARCH PITTSBURGH PA

AN EXPLORATORY STUDY TO DETERMINE THE EFFECTS OF PHYSICAL HAZARD ON SHELTER MANAGEMENT BEHAVIOR. (U)

DESCRIPTIVE NOTE: FINAL REPT. 1969-1970, APR 71 62P SMITH,ROBERT W. ;COLLINS, ROBERT A. ;MEAGLEY,DONALD E. ;
REPT. NO. AIR-77802-4/71-FR
CONTRACT: DAHC20-68-C-0122

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, FALLOUT SHELTERS), (*BEHAVIOR, THREAT EVALUATION), (*FALLOUT SHELTERS, *MANAGEMENT ENGINEERING), PERFORMANCE(HUMAN), REACTION(PSYCHOLOGY), STRESS(PSYCHOLOGY), ADJUSTMENT(PSYCHOLOGY), ANXIETY (U)
IDENTIFIERS: THREAT, MANAGEMENT PERFORMANCE (U)

THE OBJECTIVE OF THE STUDY WAS TO GENERATE A PERCEPTION OF ENVIRONMENTAL THREAT IN SUBJECTS UNDER CONTROLLED CONDITIONS AND TO ASSESS ITS EFFECT ON PERFORMANCE THAT COULD BE RELATED TO FALLOUT SHELTER MANAGEMENT RESPONSIBILITIES. OF THE TEN TEST SUBJECTS, FIVE APPEARED TO PERCEIVE THREAT AS EVIDENCED BY NONCOMMITTAL REACTIONS TO CONCERNS EXPRESSED BY THEIR COMPANIONS, OVERT SYMPTOMS OF ANXIETY, RELATIVELY FREQUENT ATTEMPTS TO COMMUNICATE WITH THE RESEARCH STAFF, AND SUBSEQUENT VERBAL ACKNOWLEDGEMENT OF PERCEIVED THREAT. CLEAR RELATIONSHIPS EXISTED BETWEEN THE PERCEPTION OF THREAT AND MANAGEMENT PERFORMANCE, PARTICULARLY IN THE AREA OF SOCIAL BEHAVIOR. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-726 947 15/3
OFFICE OF CIVIL DEFENSE WASHINGTON D C

CIVIL DEFENSE AND THE PUBLIC: AN
OVERVIEW OF PUBLIC ATTITUDE STUDIES. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
MAY 71 40P GARRETT,RALPH L. ;
REPT. NO. OCD-RR-17

UNCLASSIFIED REPORT

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *PUBLIC
OPINION), (*ATTITUDES, CIVIL DEFENSE SYSTEMS),
HISTORY, SHELTERS, EDUCATION, MANAGEMENT
PLANNING (U)

THE REPORT OUTLINES RELEVANT ASPECTS OF CIVIL
DEFENSE HISTORY AND PROVIDES A GENERAL OVERVIEW OF
PUBLIC ATTITUDES DURING THE PAST 20 YEARS. PUBLIC
ATTITUDE FINDINGS ARE SUMMARIZED UNDER SUCH TOPICS AS
THE INTERNATIONAL CONTEXT, THREAT PERCEPTION, GENERAL
FAVORABILITY, PROGRAM SUPPORT, SALIENCE, PERCEPTIONS
OF LOCAL PROGRAMS, PERCEPTIONS OF SHELTERS AS A
SURVIVAL RESOURCE, RESPONSE TO WARNING, AND TRAINING
AND EDUCATION IMPACT. FINDINGS ARE REVIEWED
RELEVANT TO SUCH SPECIAL AUDIENCES AS INFORMATION
SEEKERS, YOUTH, LOCAL GOVERNING BODIES, COMMUNITY
POWER STRUCTURE, AND VOLUNTARY ORGANIZATIONS.
PROJECTIONS ARE MADE RELATIVE TO THE MEANING OF
THESE FINDINGS FOR CIVIL DEFENSE IN THE 1970'S.
(AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-726 955 15/3 6/7 6/21
SYSTEM SCIENCES INC BETHESDA MD

A CONCEPT OF EMERGENCY HEALTH SERVICE (EHS) IN NUCLEAR WAR. PART I - PLANNING FOR EHS IN NUCLEAR WAR, AND PART II - DEVELOPING AN EHS ANNEX TO A NUCLEAR EMERGENCY OPERATIONS PLAN (NEOP). (U)

DESCRIPTIVE NOTE: FINAL REPT.,
JUL 71 228P ANDERSON,CHARLES G. ;
CONTRACT: DAHC20-70-C-0302

UNCLASSIFIED REPORT

DESCRIPTORS: (*NUCLEAR WARFARE CASUALTIES, *PUBLIC HEALTH), (*CIVIL DEFENSE SYSTEMS, PUBLIC HEALTH), NUCLEAR WARFARE, MEDICAL PERSONNEL, MEDICAL SUPPLIES (U)
IDENTIFIERS: *EMERGENCY MEDICAL CARE (U)

THE REPORT PRESENTS A GENERAL DISCUSSION OF MEDICAL DISASTER PLANNING, EMERGENCY HEALTH SERVICE (EHS) ORGANIZATION, POTENTIAL ATTACK ENVIRONMENTS AND CASUALTY CARE REQUIREMENTS. THE ELEMENTS OF THE EHS ARE ALL DISCUSSED IN TERMS OF APPLICATION DURING ANY ONE OF THE POSSIBLE DIFFERENT TYPES OF ATTACK BASIC OPERATING SITUATIONS (BOS). A CONCEPT OF PLANNING FOR EMERGENCY MEDICAL OPERATIONS DURING AND IMMEDIATELY AFTER A NUCLEAR ATTACK IS DISCUSSED. IT COVERS THE ASPECTS OF MEDICAL MANPOWER, MEDICAL SUPPLIES AND MEDICAL FACILITIES AND HOW THEY COULD BE INTERRELATED DURING EMERGENCY OPERATIONS. SUBSTANTIAL EMPHASIS IS GIVEN OVER TO INCREASED READINESS ACTIVITIES DURING A CRISIS BUILD UP PERIOD. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-726 961 5/10 5/1 15/3
HUMAN SCIENCES RESEARCH INC MCLEAN VA

A MODEL OF SOCIETY TO USE IN SYSTEMATIC ANALYSIS AND MANAGEMENT PLANNING FOR SOCIETIES UNDER STRESS: FURTHER DEVELOPMENT. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
MAY 71 134P HALL,EARL E. ;
REPT. NO. HSR-RR-71/4-VB-X
CONTRACT: DAHC20-68-C-0151
PROJ: OCD-4321C

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: SEE ALSO REPORT DATED NOV 69, AD-700 166.

DESCRIPTORS: (*NUCLEAR WARFARE, RECOVERY), (*CIVIL DEFENSE SYSTEMS, *MANAGEMENT PLANNING), MATHEMATICAL MODELS, ECONOMICS, SYSTEMS ENGINEERING, EQUATIONS, FACTOR ANALYSIS, BEHAVIOR (U)
IDENTIFIERS: POST ATTACK PLANNING (U)

THE REPORT DESCRIBES FURTHER DEVELOPMENT OF A SYSTEMS MODEL OF SOCIETY TO BE USED AS A TOOL IN PLANNING FOR SOCIETAL RECOVERY FOLLOWING NUCLEAR ATTACK. THE BASIC ELEMENTS OF THE SYSTEM WERE PRESENTED IN AN EARLIER REPORT, A MODEL OF SOCIETY TO USE IN SYSTEMATIC ANALYSIS AND MANAGEMENT PLANNING FOR SOCIETIES UNDER STRESS; THE PRESENT REPORT EMPHASIZES THE NEEDS SYSTEMS-EFFORTS EQUATIONS OF THE SOCIETAL MODEL AND COVERS IN DETAIL THE GENERAL SYSTEMIC IMPLICATIONS OF SPECIFIC HUMAN NEEDS; IMPLICATIONS FOR THE CONSUMER DEMAND SUBSYSTEM; IMPLICATIONS FOR THE INSTITUTION-BUILDING SUBSYSTEM; AND GENERAL IMPLICATIONS FOR RECOVERY PLANNING. THE REPORT CONCLUDES WITH A DESCRIPTION OF DEVELOPMENTS IN THE SOCIAL SCIENCES RELATED TO THE POTENTIAL OF SOCIETAL MODELING. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /3MML7

AD-728 848 15/3
IOWA STATE UNIV AMES DEPT OF SOCIOLOGY AND ANTHROPOLOGY

PUBLIC RESPONSE TO COMMUNITY SHELTER PLANNING: DES MOINES AND POLK COUNTY, IOWA. SUMMARY REPORT. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
MAY 71 50P YARBROUGH,PAUL IXLONGLAN,
GERALD E. IPADGITT,STEVE I
REPT. NO. SOCIOLOGY-87A
CONTRACT: DAHC20-69-C-0103
PROJ: OCD-4811G

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: REPORT ON SOCIOLOGICAL STUDIES IN CIVIL DEFENSE. PREPARED IN COOPERATION WITH IOWA AGRICULTURAL AND HOME ECONOMICS EXPERIMENT STATION, PROJECT 1754. SEE ALSO APPENDICES, AD-728 849.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, ATTITUDES), (*FALLOUT SHELTERS, *ATTITUDES), QUESTIONNAIRES, SOCIOLOGY (U)

THE STUDY INVESTIGATED RESPONSES MADE BY ADULTS IN DES MOINES, IOWA, TO A COMMUNITY SHELTER PLAN (CSP) AND ALSO TO AN OFFICE OF CIVIL DEFENSE BOOKLET ENTITLED, 'IN TIME OF EMERGENCY' (H-14). A TOTAL OF 938 INTERVIEWS WERE COMPLETED DURING THE STUDY. THE DETAILED METHODOLOGY AND ANALYSIS FOR EACH VARIABLE INVESTIGATED, IS PRESENTED IN A SEPARATE VOLUME--SEE AD-728 849. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-728 849 15/3
IOWA STATE UNIV AMES DEPT OF SOCIOLOGY AND ANTHROPOLOGY

PUBLIC RESPONSE TO COMMUNITY SHELTER PLANNING: DES MOINES AND POLK COUNTY, IOWA. APPENDICES. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
MAY 71 344P YARBROUGH,PAUL ;KLONGLAN, GERALD E. ;PADGITT,STEVE ;
REPT. NO. SOCIOLOGY-87B
CONTRACT: DAHC20-69-C-0103
PROJ: OCD-4811G

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: REPORT ON SOCIOLOGICAL STUDIES IN CIVIL DEFENSE. PREPARED IN COOPERATION WITH IOWA AGRICULTURAL AND HOME ECONOMICS EXPERIMENT STATION, PROJECT 1754. SEE ALSO SUMMARY REPORT, AD-728 848.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, ATTITUDES); (*FALLOUT SHELTERS, *ATTITUDES), QUESTIONNAIRES, SOCIOLOGY (U)

THE STUDY INVESTIGATED RESPONSES MADE BY ADULTS IN DES MOINES, IOWA, TO THE COMMUNITY SHELTER PLAN (CSP). A TOTAL OF 938 INTERVIEWS WERE COMPLETED DURING THE STUDY. THIS INCLUDED ADEQUATE CONTROL SAMPLES BEFORE AND AFTER PUBLICATION OF CSP AS WELL AS PANELS. ONE PANEL WAS INITIATED BEFORE CSP, OTHER WERE CONTINUED FROM THE RESEARCHERS' EARLIER HOME FALLOUT PROTECTION SURVEY STUDY. THE CSP MESSAGE INCLUDED A PLAN ALLOCATING PUBLIC FALLOUT SHELTERS TO RESIDENTS BASED ON PLACE OF RESIDENCE. IT WAS PUBLISHED IN THE FORM OF A 12-PAGE SUNDAY NEWSPAPER ADVERTISING SUPPLEMENT. ATTENTION GIVEN THE MESSAGE WAS ABOUT AVERAGE WITH SIMILAR SUPPLEMENTS (SLIGHTLY LESS THAN HALF OF THE TOTAL AUDIENCE), BUT COMPREHENSION OF THE PLAN WAS LOW. ONLY SEVEN PERCENT OF OUR CONTROL SAMPLE COULD RECALL THE NAME OR LOCATION OF A SHELTER ALLOCATED FOR HIS USE AND ONLY FOUR PERCENT COULD RECALL HOW THEY WERE INSTRUCTED TO TRAVEL TO THE SHELTER. ACCEPTANCE RESPONSES WERE LOW. A SLIGHT INCREASE WAS OBSERVED IN LEVEL OF KNOWLEDGE ABOUT A LOCAL CIVIL DEFENSE PROGRAM AND IN THE ANTICIPATORY DECISION TO CONCURRENTLY ADOPT PUBLIC OR HOME SHELTER PROTECTION ALTERNATIVES. THE DISPOSITIONAL MODEL DID NOT HOLD WELL IN PREDICTING ATTENTION TO CSP. (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-730 360 5/10
HUMAN SCIENCES RESEARCH INC MCLEAN VA

A STUDY OF CONSENSUS ON PSYCHOLOGICAL FACTORS RELATED TO RECOVERY FROM NUCLEAR ATTACK. (U)

DESCRIPTIVE NOTE: FINAL REPT.,
MAY 71 234P ALLNUTT,BRUCE C. ;NORDLIE, PETER G. ;
REPT. NO. HSR-RR-71/3-DI
CONTRACT: DAHC20-70-C-0380
PROJ: OCD-35428

UNCLASSIFIED REPORT

DESCRIPTORS: (*REACTION(PSYCHOLOGY), NUCLEAR WARFARE), RECOVERY, SOCIAL PSYCHOLOGY, SOCIOLOGY, ADJUSTMENT(PSYCHOLOGY), FACTOR ANALYSIS, CIVIL DEFENSE SYSTEMS, LABOR (U)
IDENTIFIERS: *POSTATTACK RECOVERY (U)

A STUDY WAS MADE OF THE AGREEMENT THAT EXISTS AMONG EXPERTS ABOUT THE PROBABLE SOCIAL AND PSYCHOLOGICAL CONSEQUENCES OF NUCLEAR WAR, AND THE IMPACT OF SUCH FACTORS ON THE PROCESS OF NATIONAL RECOVERY. THE RESEARCH METHOD INVOLVED THE INTERROGATION OF A PANEL OF COGNIZANT GOVERNMENT OFFICIALS, MILITARY OFFICERS, AND RESEARCH SCIENTISTS, USING A VARIATION OF THE ITERATIVE DELPHI PROCEDURE. VERY GENERALLY, THE PANEL WAS IN AGREEMENT THAT, WHILE THE VARIETY OF INDIVIDUAL AND GROUP BEHAVIORS COULD BE EXPECTED TO INCREASE, THE INCIDENCE OF ADAPTIVE BEHAVIOR WOULD LIKELY OUTWEIGH THAT OF MALADAPTIVE BEHAVIOR. HOWEVER A VERY STRONG TENDENCY FOR SOCIAL SYSTEMS TO FRAGMENT INTO SMALL, LOCAL, SHORT-SIGHTED, AND SELF-INTERESTED GROUPS WAS PREDICTED. A DIVERSE SET OF PROJECTIONS ARE PRESENTED AND DISCUSSED IN DEPTH BY THE PANELISTS, AND ESTIMATIONS OF THE EFFECTS OF SOCIAL AND PSYCHOLOGICAL FACTORS ON SUCH NUMERICAL VARIABLES AS THE POSTATTACK AVAILABILITY OF LABOR ARE GIVEN. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-732 514 13/13 15/3
AMERICAN INSTITUTES FOR RESEARCH PITTSBURGH PA

MODEL LARGE INDIVIDUAL SHELTER PLANS. (U)

DESCRIPTIVE NOTE: FINAL REPT. 1 JUL 70-30 SEP 71,
JUL 71 49P COLLINS,ROBERT A. IMANN,
SHEILA B. ;
REPT. NO. AIR-77804-7/71-FR
CONTRACT: DAHC20-68-C-0122
PROJ: OCD-1519F

UNCLASSIFIED REPORT

DESCRIPTORS: (*SHELTERS, *CIVIL DEFENSE SYSTEMS),
MANAGEMENT PLANNING, PENNSYLVANIA (U)
IDENTIFIERS: PITTSBURGH(PENNSYLVANIA) (U)

THE GOALS OF THE PROJECT WERE TO DEVELOP AN INDIVIDUAL SHELTER PLAN (ISP) FOR OPERATIONS WITHIN THE LARGE SHELTER, AND A REPORT DESCRIPTIVE OF THE PROCESSES OF PLAN DEVELOPMENT. A 'MODEL' STRUCTURE, SATISFYING THE CRITERIA DESCRIPTIVE OF 'LARGE' SHELTERS WAS SELECTED. THIS BUILDING WAS SURVEYED IN TERMS OF STRUCTURE, SUPPLIES, FACILITIES, AND EQUIPMENT PERTINENT TO ITS FUNCTION AS A SHELTER. UTILIZING THIS INFORMATION, AND LEVELS OF FIRE AND RADIATION AS ENVIRONMENTAL DESCRIPTORS, SHELTER MANAGEMENT ACTIONS WERE GENERATED FOR CRITICAL SHELTER SERVICES. THESE ACTIONS WERE FORMATTED IN A SMALL FLIP CHART ARRANGED FOR EASY ACCESS. (AUTHOR) (U)

DDC REPORT BIBLIOGRAPHY SEARCH CONTROL NO. /ZMML7

AD-732 948 15/3 12/2
FAUCETT (JACK) ASSOCIATES SILVER SPRING MD

APPLICATIONS OF NETWORK ANALYSIS TO CIVIL DEFENSE OPERATIONS. (U)

DESCRIPTIVE NOTE: FINAL REPT.
AUG 71 54P
CONTRACT: DAHC20-71-C-0219
PROJ: OCD-4114C

UNCLASSIFIED REPORT

SUPPLEMENTARY NOTE: INCLUDES DETACHABLE SUMMARY. SEE ALSO RELATED REPORT DATED DEC 70, AD-719 312.

DESCRIPTORS: (*CIVIL DEFENSE SYSTEMS, *OPERATIONS RESEARCH), (*NUCLEAR WARFARE, DAMAGE ASSESSMENT), LINEAR PROGRAMMING, TRANSPORTATION, DEBRIS, EVACUATION, MEDICAL SUPPLIES, MATHEMATICAL MODELS, PROBABILITY DENSITY FUNCTIONS, GRAPHICS, DISASTERS, COSTS, OPTIMIZATION (U)
IDENTIFIERS: *NETWORK FLOWS, RESOURCE ALLOCATION, EMERGENCY PLANNING, TRANSPORTATION MODELS, CONSTRAINTS, GRAPH THEORY (U)

THE REPORT EXPLORES THE APPLICATIONS OF NETWORK ANALYSIS TO CIVIL DEFENSE EMERGENCY PLANNING. NETWORK ANALYSIS WAS USED TO DEVELOP MODELS TO ANALYZE POST-DISASTER SURVIVAL AND RECOVERY OPERATIONS, WITH SAMPLE PROBLEMS BEING PRESENTED TO ILLUSTRATE THE UTILITY OF THESE MODELS TO CIVIL DEFENSE PLANNING. ONE EXAMPLE SHOWED HOW A MODEL COULD BE USED TO DETERMINE THE APPROPRIATE DISTRIBUTION OF EMERGENCY RESOURCES DURING POST-DISASTER SURVIVAL PERIODS. ANOTHER EXAMPLE DEMONSTRATED HOW A LARGE-SCALE POST-DISASTER RECOVERY PROBLEM COULD BE SOLVED. THAT IS, THE OPTIMAL LEVEL OF MULTIPLE PRODUCTION ACTIVITIES AND THE OPTIMAL LEVEL OF PRODUCTION AT EACH LOCATION WAS DETERMINED IN ORDER TO MINIMIZE TRANSPORTATION COSTS. IT WAS ALSO SHOWN THAT INFORMATION FROM THE NATIONAL NODAL NETWORK SYSTEM CAN SERVE AS INPUTS TO SUCH MODELS. (AUTHOR) (U)

CORPORATE AUTHOR - MONITORING AGENCY

*AMERICAN INSTITUTES FOR RESEARCH PITTSBURGH PA

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AD-631 757

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AD-631 758

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FG-D-3.1/4
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AD-631 759

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This bibliography -- one in a series on Civil Defense Systems -- contains a compilation of references on Social Impact and Management Planning. References contained in this volume pertain to psychological factors related to recovery from nuclear attack; public response to community shelter planning; fallout shelter management responsibilities; emergency operations training; attitudes toward civil defense; requirements for local planning to cover hazards of fallout; food processing and distribution; and the roles of the dentist and pharmacists in national disasters. Entries were processed into the Defense Documentation Center's data bank during the period of January 1953 through January 1972.

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