

UNCLASSIFIED

AD 401 755

*Reproduced
by the*

DEFENSE DOCUMENTATION CENTER

FOR

SCIENTIFIC AND TECHNICAL INFORMATION

CAMERON STATION, ALEXANDRIA, VIRGINIA



UNCLASSIFIED

NOTICE: When government or other drawings, specifications or other data are used for any purpose other than in connection with a definitely related government procurement operation, the U. S. Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto.

ADT No.

ASTIA FILE COPY

401755

401755

(5) 734000

6332

(1)

734000

RADIATION EFFECTS INFORMATION CENTER

(6) MONTHLY ACCESSION LIST -
COORDINATE INDEX,
PART II
for
Accession Lists
60 (Revised) and 61.

(7) NA
(8) NA

Accession
60 (Rev) and 61

(10) [7] P.
(11) REIC
List

(9) March 15, 1963

(4) 1.60

(12) NA
(13) NA
(14) UNCL
(15) NA

Rev. of
AD-299001

ASTIA
RECEIVED
APR 19 1963
JISIA

PART II
COORDINATE INDEX

INTRODUCTION

It has become apparent from the users of the REIC Monthly Accession List that it is no longer being used just for current awareness searches, as was originally intended, but is now being used by some individual and/or organizations to conduct retrospective searches. The REIC Technical Information File at Battelle Memorial Institute, Columbus, Ohio, was designed to maintain the complete store of information used to compile the Accession Lists, and conduct such searches. With the collection of a large number of reports dealing with radiation effects by many of the larger company libraries, as a result of the use of the Accession Lists, searching other sources, and internal research report preparation, the staff of the REIC has determined that an index to the abstracts provided in the Monthly Accession List would be highly desirable. It was found that the major REIC sponsor, the U.S. Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, also shared in this reasoning.

The coordinate index approach was chosen, as it provides several times the number of access points to the abstracts, and a much higher degree of search specificity than could be provided by a conventional index.

Under each term in the index will be found the abstract accession numbers of documents which have been indexed by that term. The accession numbers have been arranged in ten columns in accordance with their terminal digit, so that accession numbers may be compared column by column. Links are used where necessary to show the relationship of terms and to avoid unnecessary false abstract retrieval. Role indicators have not been used because of the extremely narrow scope of the literature abstracted. For example, it was found that only four of the proposed Engineers Joint Council role indicators would have been used with the majority of terms used.

The terms and concepts used to index the abstracts have been selected on the basis of the REIC contract scope and the experience gained during the past five years in assisting users of the Technical Information File to locate information. Comments from the recipients and users of this index will enhance its future value as a ready search tool.

It should be noted that this is a SELECTED ACCESSION LIST, thus not all documents extracted for the REIC Technical Information File are abstracted for the Monthly Accession List. Approximately sixty per cent of the literature extracted for the REIC Technical Information File is abstracted for the Monthly Accession List. The remaining forty per cent consists of newsbriefs, author abstracts, extracts of internal papers, classified and proprietary material, which is felt not to be appropriate for inclusion in the Monthly Accession List. Hence, in order to assure completeness in searches and to obtain information on the most recently acquired reports, it is necessary to contact the REIC. This dissemination service is not intended to replace direct contact with REIC, but rather to supplement such contact at the various locations remote to the center. Direct contact with the Center and its technical staff is encouraged.

A cumulative index will be provided each month, so that the previous month's index may be discarded, thus reducing the amount of space required for storage of the accession lists. Further, it is envisioned that at the end of each contract year, a dual coordinate dictionary will be provided to facilitate the use of abstracts for retrospective searching.

For the users who plan to continue the use of the accession list for current surveillance, the generic terms; miscellaneous, organic and inorganic compounds, electronics, polymers, metals and ceramics, dosimetry, facilities, and space are included in the second section of the index to provide the general subject category as used in the Monthly Accession List format over the previous years.

The coordinate index, as appearing this month, will be modified and revised to fit the needs of the REIC users.

ORGANIZATION

The following sections are provided:

- Section I: Radiation Environment
- Section II: Materials, Properties,
Secondary Environments,
Devices, and Other
Coordinate Terms
- Section III: Authors
- Section IV: Organizations

Section I includes the various types of radiation with electron energy, absorbed gamma dose, and neutron energy range subdivisions provided. The term space radiation is not included in this section; however, as a concept it is placed in Section II. The constituents of space radiation, electrons and protons, are, however, located in Section I when numerical values are attached to them.

Section II provides the terms and concepts for the various materials, properties, processes. The secondary environment concept, temperature, is indexed by temperature range to facilitate the location of the abstracts which deal with specific temperatures. The secondary or possibly primary environment, vacuum, is also included in its respective alphabetic position.

The authors of the abstracts are included in alphabetic order in Section III.

Section IV, of the organizations generating the reports, is divided into three subdivisions: U.S. Organizations, U.S. Government Agencies, and Foreign Organizations. Under each subdivision the organizations are listed alphabetically.

The REIC does not loan or distribute reports which are abstracted for the Monthly Accession List. The documents are, however, available for your use at the Center.

USE OF THE INDEX

The following examples indicate the approach to be followed in using the index.

- A. If you are interested in radiation effects on power converters, proceed as follows:
 1. Turn in Section II to the concept power converters, which is listed in alphabetic order.
 2. Note the accessions' numbers listed (17646 and 17898).
 3. In the abstract portion of the Monthly Accession List locate the numbers which are provided with the bibliographic citation in numerical order.
 4. On the basis of the information provided in the abstract you should be able to determine the pertinence of the article to your interest.
- B. If you were interested, for example, in pulsed radiation effects on cables, proceed as follows:
 1. Turn in Section I to the concept pulsed radiation.
 2. Turn in Section II to the term cable.
 3. Compare the accession numbers under pulsed radiation and cable, column by column. The coordination will yield five common numbers (17650, 17921, 17522, 17626, and 17949), which should be noted.
 4. Turn in the abstract portion of the Monthly Accession List to the numbers for further bibliographic and abstract information.
- C. If you were interested in the effect of 10^9 ergs $g^{-1}(C)$ on glass, proceed as follows:

1. Turn in Section I to Gamma 10^9 ergs $g^{-1}(C)$.
 2. Turn in Section II to Glass.
 3. Compare the accession numbers column by column. The comparison will yield two common numbers (17365 and 17694).
 4. Turn to the abstracts in the Monthly Accession List for further information as to their pertinence to your interest.
- D. If you were interested in the effect of fast neutron irradiation of 10^{19} n/cm^2 on steels, you would proceed as follows:
1. In Section I locate fast neutron irradiation.
 2. In Section I locate 10^{19} n/cm^2 (included in the 10^{19} to 10^{21} n/cm^2 range).
 3. Compare the accession numbers column by column. The comparison will yield twelve common numbers (17370, 17662, 17823B, 17375, 17665, 17985, 17836, 17327, 17627A, 17349, 17379, and 17849).
 4. Compare those accession numbers which were found to be common (as indicated above) column by column with the term steel in Section II. The comparison will yield three common numbers (17375, 17327, and 17849).
 5. By turning to the abstracts, further information is obtained.

SECTION I
RADIATION ENVIRONMENTSSECTION II
MATERIALS, PROPERTIES, ENVIRONMENTAL DEVICES
AND OTHER COORDINATE TERMS

Alpha Irradiation 1710A						1736A 1736B 1736C			1 1/4 Per Cent Cr - 1/2 Per Cent Ni Steel 1737	
Deuteron Irradiation						1736A			4-7% Mo-permalloy 1736A 1736A Alloy	1736
Electromagnetic Irradiation							1736A		10% Stainless Steel	1736
Electron Irradiation 17701 17532 17533A 17533B 17533C 17533D	17901 17532 17533A 17533B 17533C 17533D	17901 17532 17533A 17533B 17533C 17533D	17904 17532 17533A 17533B 17533C 17533D	17915 17532 17533A 17533B 17533C 17533D	17366 17532 17533A 17533B 17533C 17533D	17366 17532 17533A 17533B 17533C 17533D	17366 17532 17533A 17533B 17533C 17533D	17366 17532 17533A 17533B 17533C 17533D	10% Stainless Steel 17366 17532 17533A 17533B 17533C 17533D	17366 17532 17533A 17533B 17533C 17533D
Electron Less than 1MeV									Absorption Spectra 17366	17366 17366
Electrons 1MeV 17291	17342	17813A	17914			17342	17813A	17914	Absorption Spectra 17342	17342 17342
Electrons 2MeV 17361B	17902					17361B			Accelerators 17361B	17361B
Electrons 3MeV 17301			17974			17301			Accelerometers 17301	17301
Electrons 5MeV and above 17302			17354			17302			Acoustic Absorption 17302	17302
Gamma Irradiation 17690 17910 17921A 17921B	17341 17342 17343 17344	17351 17352 17353 17354	17204 17352 17353 17354	17615 17352 17353 17354	17616 17352 17353 17354	17527 17352 17353 17354	17608 17352 17353 17354	17330 17352 17353 17354	Acrylonitrile 17330 17352 17353 17354	17330 17352 17353 17354
Gamma Less than 10 ⁶ ergs g ⁻¹ (C) 17930	17531 17612		17614 17615						Acrylonitrile Butadiene 17614 17615	17614 17615
Gamma 10 ⁶ ergs g ⁻¹ (C) 17661	17812	17913							Adhesives 17812	17812
Gamma 10 ⁶ ergs g ⁻¹ (C) 17640	17361 17362	17641 17642							Aerospace Shield Test Reactor 17361 17362	17361 17362
Gamma 10 ⁶ ergs g ⁻¹ (C) 17700	17811	17363 17364 17365	17364 17365 17366	17365					Aerospace Vehicles see also Space Vehicles 17811	17811
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Aeroline-50 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Air Blast 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Air Environment see In Air 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Air Glow 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Air Ionization 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Alkali Halides see specific Halide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Alkyl Diamideimides 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Alloys see also specific alloys 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Allyl Acrylate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Allyl Methacrylate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Aluminum 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Aluminum Alloys 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Aluminum Oxide (Alumina or Corundum) 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Ammonia Product 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Ammonium Hypophosphite 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Amplification 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Amplifiers 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Annealing 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Antennas 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Argon 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Aryl Diamideimides 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Asbestos 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Barden 100 Stainless Steel 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Barium Titanate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Base Breakdown Voltage see Breakdown Voltage 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Base to Emitter Voltage see Base Voltage 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bearings 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Benzanthracene 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Benzene 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Beryllium 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Beryllium Alloys 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Beryllium Oxide (Beryllia) 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bias Voltage 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bisphenol 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Oxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Sulfide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Telluride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Trioxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Vanadate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Yttride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Zirconate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Oxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Sulfide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Telluride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Trioxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Vanadate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Yttride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Zirconate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Oxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Sulfide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Telluride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Trioxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Vanadate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Yttride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Zirconate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Oxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Sulfide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Telluride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Trioxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Vanadate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Yttride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Zirconate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Oxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Sulfide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Telluride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Trioxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Vanadate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Yttride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Zirconate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Oxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Sulfide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Telluride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Trioxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Vanadate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Yttride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Zirconate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Oxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Sulfide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Telluride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Trioxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Vanadate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Yttride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Zirconate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Oxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Sulfide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Telluride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Trioxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Vanadate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Yttride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Zirconate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Oxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Sulfide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Telluride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Trioxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Vanadate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Yttride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Zirconate 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Oxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Sulfide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Telluride 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Trioxide 17900	17900
Gamma 10 ⁶ ergs g ⁻¹ (C) 17900									Bismuth Vanadate 1	

Bombardier E-631					-114-	Cosmic Radiation 17691	17903	17904 17994	17356	
Boron Hydride 17811	17944D					Cracking	17613			17378
Breakdown Voltages 17882 17972			17287		17649	Crimp-Rupture			17336	
Bromestrahlung	17894					Crosslinking 17700 17701	17612	17614		17699
Brushes	17633					Crushing Strength				17349
Bulk Conductivity		17299				Cryogenic Testing	17652	17653	17996	17307 17898
Burning Rate					17899A	Crystal Units	17532	17693	17824A 17824B	17919B
Butanes		17699				Crystal Dosimeters 17921				
Cables 17690 17921 17922			17686		17949	Cuprous Oxide 17010				
Cadmium					17938C	Current Gain		17644		
Cadmium Alloys 17890C						Current-Voltage Characteristics 17891				
Cadmium Oxide			17996			Cyclohexane		17364		
Calcium Sulfate						Cyclotrons		17303		
Cadmium Sulfide	17813C	17915	17306		17969A	Damne Monitoring 17940				
Cadmium Telluride	17813C					Damping Fluid				17659
Calcium Fluoride	17893					Daphne Reactor				17308
Calcium Titanate				17647		Defect Formation	17983	17974	17366	17399
Calorimetry	17653			17987		Delay		17823		
Cal Research RWNO No. 335	17944F					Density			17665	17349
Cambridge Electron Accelerator 17302						Detection			17835	17526
Capacitance 17891						Diallylphthalate 17531			17635	
Capacitors 17630	17358				17919A	Diamond Ordnance Radiation Facility 17890				
Carbon						Dichlorofluoromethane				17267
Carbonates	17613				17639B	Dielectric Constant		17304		17689
Carbon Black	17643 17833B					Dielectric Loss		17304		17697
Carbon Dioxide Product						Dielectric Properties 17531		17284 17304		17357 17647 17697
Carbon Monoxide Product				17358		Dielectrics 17531		17654	17615	
Carbon Precipitation 17851				17358		Dielectric Strength				
Carbon Tetrafluoride 18000						Diffusion 17480		17284		
Carrier Concentration			17616			Dimensional Changes 17470	17613	17664	17665	17349 17379
Carrier Lifetime 17840		17905			17819	Diphenylnonane				17267
Carrier Removal	17354	17905	17366			Diodes 17821B	17632 17972	17813B	17994	17929
Cherenkov Monitor		17625				Dilocation Density 17852				
Cesium Nitrate 17950						Dilocation Loops				17368
Chain Scission 17701..				17358		Displaced Atoms			17305	
Chemical Dosimeters 17950	17893		17527	17908		Displacement Cascades			17955	17959
17990			17907			Displacement Effects 17940 17841				17959
Circuit Cards see also Printed Circuits 17930				17888	17619	Displacement Energy				
Circuitry 17930	17922				17899A	Dosimetry 17690	17621	17632	17523	17814
Circuits 17630		17823A 17823B	17644	17645	17807	17900	17631	17812	17653	17844
Coatings		17293			17297	17950	17892	17842	17943	17844
		17333			17347	17990	17621	17912	17943	17994
		17633			17827		17931		17903	17945
Coaxial Cables see Cables							17961	17943	17915	17917
Cobalt 60							17963		17915	
Cobalt 60 Facilities see Gamma Facilities						Dow Corning 997			17944C	
Cobalt Alloy	17944A					Dow Corning F-60				17659
Cobalt Glass	17523					Drx Film Lubricants	17633			17347 17827A
Collector Leakage Current 17951						Ductile-Brittle Transition Temperature 17371				17849
Collector to Base Breakdown Voltage 17822						Ductility				17849
Collector to Base Reverse Leakage Current 17731 17922						Dynamic Modulus				17699
		17821A 17821B				Electrical Conductivity	17913	17304 17354	17996	17627 17897A 17897B
Coloration	17642	17365		17907	17358	Electrical Discharge				17649
Common-Emitter Current Gain 17951						Electrical Life				
Communications					17979	Electrical Properties see also specific electrical properties 17813A 17813B 17813C				
Computer Codes	17892					Electrical Resistivity 17370				
Computers				17807		Electric Field Meter	17633			
Control System see Flight Control System						Electric Propulsion	17933			
Croissants	17272									
Copper 17390 17390	17911	17892	17944	17376	17847					
Copper Alloys 17750A 17750C 17750D			17373							

Electromechanical Properties

Electron Absorption

Electron Emission

Electronics

17630 17891 17892 17343 17894 17895 17306 17887 17388 17309
 17650 17351 17342 17333 17894 17305 17336 17337 17648 17389
 17810 17651 17338 17693 17304 17335 17366 17687 17698 17619
 17820 17661 17928 17813 17344 17345 17616 17647 17818 17649
 17840 17821 17332 17823 17344 17645 17685 17807 17838 17819
 17910 17841 17662 17913 17644 17855 17636 17809 17889 17889
 17930 17891 17818 17973 17814 17905 17696 17817 17898 17919A
 17940 17911 17822 17983 17944 17935 17696 17887 17938 17919B
 17950 17921 17922 17964 17935 17666 17897 17938 17919C
 17960 17951 17932 17974 17816 17939 17929
 17972 17982 17896 17886 17949
 17986 17996

Electron Spin Resonance

Electron Tubes

Electrostatic

Elongation

Embitterment

Emittance

Emitter to Base Potential see Bias Voltage

Energy Deposition

Energy Spectrum

Epoxy Resins

Esaki Diodes

Etching

Ethylene

Explorer I

Explorer VIII

Explorer XI

Explorer XII

Explosives see also specific explosive

Evaporation Rate

Facilities

Fallout

Fatigue Strength

Ferrites

Ferroelectric Materials

Ferrous Ion (+2)

Fiberglass

Fillers

Film

Film Dosimetry

Filters

Fission Chamber

Fission Fragments

Flash X-Ray Devices

Flight Control Systems

Flip-Flop

Flotation Fluids

Fluorocarbons see also Specific Polymer

Fluorescence

Forsterite

Forward Current Transfer Ratio

Forward Voltage Drop

Free Radicals

Frankel Defects

Friction

Fuel Elements

Fuels

G Values

Gallium Arsenide

Grain Facilities

Grain

Gaseous Products

Gelation

Germanium

Glass

Glass Fibers see Fiberglass

Godia Facility

Gold

Graphite

Greenhouse

Guidance Systems

Gyro

Hall Coefficient

Hall Effect

Hardening

Hardness

Hazards

Heat Deposition

Heat Transfer

Heat Transfer Fluids

Helium

Hexafluorobenzene

Hexafluoroethane

Hexaphenyl Ether

H-Film

High Purity Materials

Hydraulic Fluids

Hydrazine

Hydrogen

Hydrogen Chloride

Hydrogen Peroxide

Hydrogen Product

Nylon 30

Hypervelocity Particles see also Micrometeorites

Ignition Temperature

In Air

Inconel X

Inert Atmosphere see Specific Environment

In Fuels

In Helium

In Nitrogen

In Oxygen

Indium Antimonide

Indium Oxide

Induced Current

Infrared Detectors

Infrared Spectra

Insulation

17618 17344 17695
 17342 17813A 17914 17328 17819
 17813B
 17323
 17651
 17612
 17612
 17821A 17344 17813B 17974 17366 17807 17649
 17616 17666 17896A 17929
 17642 17694 17365 17996 17857 17938 17689
 17944B
 17351
 17633
 17370 17664 17939A
 17660
 17944F
 17353
 17353
 17982 17974 17627
 17354 17366
 17375 17369
 17853
 17994
 17895
 17828 17528
 17618 17908
 17345
 17984 17918
 17867
 17826
 17826
 17635
 17376
 17371 17372 17852
 17979
 17345
 17995
 17704
 17612 17704 17695 17358
 17634 17997
 17361A 17358 17339 17829 17949
 17931
 17931
 17823A 17823B 17616
 17343 17896A 17896B 17897
 17701 17855
 17993
 17944 17356 17616 17656 17986
 17840

[illegible]

[illegible]

Brace, R. A. 17811					Dondos, S. 17270				
Bridge, E. 17370					Donnelly, M. M. 17820	17885			
Bringer, R. P.					Doughman, C. L.				
Bromley, D. A.		17339			Dreaner, A. R.	17933			17309
Brown, W. L.		17319			Drooge, J. W.				17899
Browning, Jr., W. E.			17817		Dungan, W. E.				17889
Brugger, R. M. 17311	17665				Dunne, B. B.			17947	
Buell, Jr., H. W.					Easley, J. W. 17841				
Bushalev, W. E.	17933				Edgum, H.				
Burnett, J. R. 17810			17886		Edskuty, F. J.	17973			
Burnett, W. D.	17682				Eiven, C. J.				17898
Burrell, M. O.		17495			Emilie, A. G.	17994			17618
Bush, E. G.	17638				Erikson, J. O. 17831				
Byrganovskaya, G. V.		17365			Evling, C. T.				17588
Calderell, R. L.				17918	Evans, H. E.	17633		17347 17827	
Calderell, R. S.			17645						
Callaway, R. F.					Palalayev, G. A.		17986		
Callihan, F. R.	17653				Palk, R. A.			17867	
Calne, E. E.		17935		17267	Palkenbury, R. F.	17904			
Cameron, Jr., R. A. 17390					Fan, H. Y.		17985		
Campbell, F. J.			17386		Ferguson, A.T.G.				17318
Carpenter, F. D.	17938				Fessler, E.	17892			
Carriker, A. W.		17994			Field, D. E.				17869
Carroll, J. B.	17663				Fieno, D. 17901		17885		
Chah, B. L. 17890					Finch, W. L.			17897	
Chao-chien					Fischer, H.				17899
Childs, B. G.	17663			17639	Fisher, Jr., H. F.			17887	
Chow, J. G. Y. 17371					Fletley, T. W.	17633		17347 17827	
Clark, F. 17900					Flaming, J. D.			17836	
Cline, T. L.	17903				Foelsche, T.	17902			
					Forman, R.				
Collins, C. G.							17984		
Compton, D.M.J.		17354	17616	17379	Fox, T. A. 17901		17885		
Conrad, E. E.					Frankel, M. E.			17346	
Cooper, J. 17961	17352				Fraser, D. B.	17693			
Cooper, Martin, J. 17951					Free, J. J.				17939
Coppage, F. W.			17615		Freundlich, M. M.			17826	
Coralli, J. C.				17627	Friedland, S. S.	17943			
Cornelius, G. K. 17811				17279	Pieyo, A.	17532		17886	
Courtois, D. A. 17810				17888	Onbrowsk, Z.		17885		
Cowling, J. E.					Oene, D. G.		17645		
Cox, J. W.	17623			17269	Osln, R.		17664		
Craig, C. L.			17696	17638	Oslander, L. 17621				
Crain, C. M.			17926		Osner, L. B.	17353	17655		17529
Cranford, W.					Outzek, L. E. 17340				
Crawford, J. E.		17904			Ons, R. A.		17944		
Cropper, W. H.	17383				Oercke, R.H.J.	17272			
Crosby, J. K. 17831	17642				Oerstein, B.	17332		17886	
Curran, D. R. 17831					Oetler, M.				17367
Curtindale, E. G.		17654			Giberson, R. C.				17358
					Glasstone, S.			17326	
Damask, A. C. 17851				17839	Geldstein, B.		17295		
Date, R. V. 18000					Graft, R. D.	17342	17813	17914	
Datta, S. K.	17833				Grafton, J. C.				17928
Daunert, U. 17380		17613			Gruy, B. S. 17370				
Davidson, J. M.					Gruy, P. D. 17811				17279
Dearmalay, G.				17318	Gulter, W.			17896	
Delavignette, P.				17638	Gummel, H. K.				17818
De Mure, D. G.	17822				Gunn, E.	17901			
Dexter, J. F.		17694			Gurinsky, D. H. 17371				
Divita, E. L.				17909	Hall, J. D. 17670				
Dole, M.	17612				Hammann, D. J.			17343	

Hummel, E. F.					Kinoh, J. W. 17890				
Huque, H. G.				17898	King, E.S.F.			17308	
Huskin, H. H.				17989	King, J. C.	17693	17804		
Huska, M. W.	17634				Kirohar, J. P.				17899
Huson, G. H.				17899	Klein, H.			17927	17998
Harrison, O. R. 17981		17643			Klemmt, Jr., A. W.		17834		
Harrison, J.					Klonts, E. E.			17666	
Harrison, S. E. 17931				17978	Kloster, R. L. 17680				
Harrity, J.		17635			Knapp, V. S.				17979
Hart, E. M.		17909			Koch, A. S.			17887	
Hartack, P. 17870				17878	Kosaki, A.	17363			
Hasegawa, K.					Kondo, H.	17362			
Hathorne, J. H.			17907		Konorsova, E. A.		17304		
Hayakawa, S.				17849	Konovalenko, B. M.		17974		
Heffner, R. E.	17913				Kornhauser, M.			17967	
Helm, J. W.				17688	Kortenhoeven, J. L. 17812				
Hensler, J. R.	17613				Kosendranus, L.		17644		
Hill, M.R.H.		17364		17689	Krause, M.	17952		17906	
Hilton, Henry H.		17634			Kreidl, H. J.				17689
Ho, Siu-Chung	17843				Kun, Tau-Sau				
Hohstetter, J. H.			17366		Kurnick, S. W.		17844		
Hocraffer, V. D.					Kusminski, A. S.	17643	17354		
Hones, Jr., E. W.	17903	17884			Lacy, L.	17982			
Hopkins, G. R. 17940			17685		Lampe, F. W.			17906	
Normann, H. H.	17333				Landahl, C. E.				17309
Hull, J. B. 17831					Lapkin, M. I.			17986	
Hulten, W. C.		17344			Laughlin, C. D.	17993			
Humpherys, K. C.			17895		Lebedev, P. H.		17304		
Hudson, R. G.	17932				Lee, J. A.			17846	
Hyder, H. R. Mch.				17308	Lee, J. E.			17665	
Ikrath, K.	17522				Lell, E.				17689
Ikuhima, H.	17913				Lavine, P. H.		17634		
Ingram, R. D.				17659	Levy, A.				17899
Inlushi, Y.	17973				Lewis, J. M.				17889
Iseenberg, L. 17340					Liebschutz, A. M.	17652			
Ishikawa, H.	17973				Liller, P. M.				17939
Jagodzowski, S. J.			17886		Lincke, R.	17912			
Johnson, A. A.		17894		17369	Linder, C. A.				17309
Johnson, E. J.		17624			Ling, I.		17833		
Johnson, E. R. 17050					Lockwood, P. 17270				
Johnson, M. C. 17810					Lower, J. M.			17376	
Johnson, W.T.K.	17523				Longley, R. D. 17290				
Johnston, W. H.	17932		17906		Loomis, B. A.			17377	
Jones, D. T.				17688	Loos, W. E. 17640				
Jones, R. C.					Lowe, Jr., A. L.			17327	
Kallander, J. W.		17916			Lowrey, R. T.		17355		
Kaplan, A. L.		17356			Ludwig, G. H.				17888
Kaplan, L. L.		17856			Luedke, E. E.				
Kargin, V. A. 17701				17919	Lukirakii, D. P.	17893			
Kats, A. J.	17962				MacKay, J. W.	17983			
Kateoff, S.					Maddeaux, I.			17666	
Kaufman, A. B.	17353	17944		17999	Magee, R. M. 17010			17835	
Kaye, S.	17891			17329	Mallen, J. C. 17030				17888
Keen, R. T.	17872		17636	17948	Mallen, J. C. 18000				17619
Kellholts, G. W.				17809	Maleake, D. D. 17040				17888
Keller, J. W.	17982		17665		Mann, Thomas	17832			
Kelley, M. 17900					Marcus, S. M.	17352			
Kelly, B. T. 17370					Markle, R.				17899
Kempter, C. F.					Markovic, V.				
Kerlin, E. E.				17309	Martens, G.			17987	
Kerridge, J. F.	17524				Martin, B. G. 17050			17896	
Kilminster, D. T. 17850	17854				Martins, T. P.				17867
					Mathovela, T. V.				
						17983			

Matos, G. R.	17624		Orlov, N. F.	17368	
Matthews, C. O.		17897	O'Rourke, R. C.	17351	
Matthews, N. I.	17854		Orr, W. L.	17272	
Matthews, J. J.	17333		Oswald, Jr., H. B.	17661	
	17333		Overton, H. L.		
McCallum, J. D.		17848	Patterson, D. A.	17315	
17880			Patterson, W. J.	17935	17837
McCurdy, R. M.			Payne, M. G.		
17341		17929	Pellini, W. S.		
McElroy, W. W.			Pennicks, R.		
McLaughlan, K. A.	17695		17660		
McMellly, J. H.			Peshikov, E. V.		
17890		17899	Pfaff, E. R.	17597	
McMully, J. S.			Pfaff, J.	17938	
McRichard, S. B.			Plantanida, B.	17857	
17371			Piassi, M.	17698	
Mendelsohn, K.	17846		Plankis, E. P.	17698	
Merschert, B. W.			Plotnikov, A. F.	17626	17949
Merritt, D. J.		17658	Poirier, J. A.	17305	
Merrill, L. J.		17308	Poll, R. A.	17963	
Milasin, N.			Potter, R. A.		17897
Milder, N. L.		17699	Price, W. E.	17982	
Miller, G. L.	17813		17692		
Miller, R. A.		17689	Froulx, P. F.	17635	
17697	17904		Qatela, G. L.		
Miller, R. R.			Rabson, T. A.	17867	
Miller, S. M.		17588	Radak, B.	17915	
17700			Rambosak, G. M.	17987	
Mills, J. S.			17341		
17651			Rarrick, H. I.	17622	
Mills, Jr., W. R.			Reed, T. M.		
Mitchell, E. W. J.		17376	18000		
Mitchell, J. C.	17335		Renton, C. A.		
Misuno, T.		17997	Richardson, D. A.	17694	17366
Moffit, G.			Risso, F.		
Montgomery, Jr., A. V.		17348	17621		
Morgan, I. L.		17918	Roberts, R.		
Morgan, L. L.			17700		
Morita, Y.	17973		Rose, J.	17896	
Morris, E. L.		17628	Rogers, J.	17556	
Morton, J. R.	17703		Rood, J. L.		
Motoc, C.		17667	Rosen, C. A.		17689
Mueller, R. A.			Rosenzweig, W.	17647	
17901	17885		Rose, C. W.	17817	17819
Muller, A.			17911		
17621			Ruckman, J. C.	17663	
Myakota, V. I.	17983		Ruedl, E.		
Nakashio, S.	17362		Rumels, R. W.	17525	17368
Nasarevics, W.	17662	17895	Russell, D. A.		
Need, J. L.	17892		Rykin, S. M.	17893	
Nelson, K. E.	17893		Sadovskaya, G. K.	17974	
Nev, J. C.			17701		
17271			Saelens, R. G.		
Newell, D. M.		17829	Sandoval, R. G.		17919
Newell, Jr., W.			Smur, A. J.		17279
17891			Sauer, J. A.	17926	
Newhoff, H. R.	17944		Sasakura, H.		17692
Niblett, D. M.		17376	17361		
Nichols, D. K.			Saylor, W. P.		
17940	17613		Schlueter, A.	17994	
Nightingale, R. E.			Schmidt, F. J.	17532	17986
Niboul, J.	17372		Schwenker, H.	17294	
Nisenoff, M.		17985	Scott-Monek, J. A.	17345	
Noonan, F. M.			Seaman, D. R.	17295	
Nordvall, H. L.		17269	Sera, T. Ya.		17628
North, E. B.		17928	Serdruk, V. V.		17306
Norton, M. H.		17838	Seremitsos, P.		17306
17960			Shahinian, P.	17903	
Novak, R.	17295		Shane, M. K.		17336
O'Brien, B. J.	17993		Shaskol'skaya, M. P.		17628
Odlan, G.	17832	17614	Shelnin, G. S.	17854	17638
O'Donnell, J. D.			Shelton, R. D.		
17811		17279			
Ogilvie, A.	17663				
Okamura, S.	17363				
O'Kelley, G. D.		17814			

Shevchenko, I. M.			17306		Walker, R. E.		17526
Shields, R. P.		17663			Wallace, R. H.	17307	
Shilliday, T. S.	17613				Warren, C. H.		
Shokawa, T.			17907		Wattier, J. B.	17531	17689
Shook, D. F.		17685			Weaver, J. H.	17333	
Shoptaugh, Jr., J. R.		17685			Webb, F. H.		17634
Simmern, R.					Weiman, A. L. A.		
17380					17540		
Shanavi, G. I.			17357		Weinberg, A. F.	17938	
Slane, M. F.	17683				Weissert, L. R.		17397
Slovokhotova, N. A.					Weller, J. F.		17336
17701					Wertheim, G.		
Smith, C. O.					17840		
17091					Western, G. T.		
Smith, E. T.		17524			17931		
Smith, R. J.	17693				Whitton, J. L.	17663	
Smithov, L. S.		17305			Wicklein, H. W.		
Snite, P. M.			17617	17616	17650		
Solon, L.					Wigley, D. A.		17846
17500					Wikner, E. G.	17354	
Sorensen, H.					Wilkinson, T. D.	17912	
17370					Williams, F. E.		17359
Sozin, A.			17647	17559	Williams, M. A.		17279
Sparr, J. R.				17508	Williamson, R. A.		
Springer, T. E.					17350		
Starodubtsev, S. V.			17697	17309	Willis, A. H.		
Steels, L. E.					17660		
Steffy, W. A.					Willis, D. E.		17696
17351					17940		
Steinkuller, E. V.				17526	Wilson, R. K.		
Stern, M. A.					17620		
Stone, J. P.				17939	Willson, W. A.		
Strayhorn, T. R.				17526	17280		
Stump, F. C.					Winer, D. E.	17594	
		17695			Wolff, M. F.	17564	
Sugimoto, H.	17933				Woodruff, E. M.	17615	
17360					Woodward, A. E.		17699
Sun, K. H.	17643	17644			Woodward, T. W.		17695
Swift, D. W.		17324			Wright, L. G.		17647
Tadmury, G. I.			17647		Wu, Pa-Yueh	17644	
17651					Wyman, J.		
Takeuchi, N.					17351		
17361					Wysocki, J. J.	17295	
Taylor, Lyndon			17267	17649	Yamada, M.	17362	
Teodorascu, I.			17667		Yang, L.	17932	
Tobin, J. M.				17349	Yano, S.	17363	
Trimmer, P. A.			17646	17696	Yaroshetskii, I. D.	17974	
Tsai, Maian-Shi	17643				Yavin, A. I.	17303	
Teuchita, H.					Yevick, J. G.	17992	
Teude, Y.	17362				Younis, Jr., F. W.	17852	
Tucker, G. E.	17702				Yoshida, H.		17363
Tucker, M. W.	17622				Yoshikawa, H. H.		17613
Turnbull, J. C.	17622				Zack, Jr., J. F.		17926
Tyspumina, M. A.				17939	Zeln, F. H.		
Utke, P. M.				17639	Zienka, F. P.		17369
Vacca, S.	17683		17638		17891	17943	
Vale, R. L.					Zimmerman, E. L.	17943	
17700					Zueva, M. V.	17643	
Van Antwerp, W. R.							
van Lint, V. A. J.			17617				
17940	17354	17905	17896	17897			
Vaugh, W. H.		17955		17646			
Vavilov, V. S.				17837			
Vekilov, Y. K.		17305					
Verma, J. K. D.				17639			
Vestal, M.	17972						
Veta, M.			17906				
17360							
Vidrine, J. L.							
17922							
Vinson, J. R.				17967			
Vitouskii, M. A.							
17983							
Vodop'yanov, L. K.				17357			
17304							
Vorob'yeva, O. B.							
			17756				
Wagenblast, H.							
17851							
Wahrhaftig, A. L.			17906				

Lockheed Aircraft Corp. 17692
Lockheed-Georgia Co. 17652

Admiral Corporation	17532																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</
---------------------	-------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

U.S. GOVERNMENT ORGANIZATIONS

U.S. Air Force, Aeronautical Systems Division
17691 17333 17343
17585

U.S. Army, Chemical Center
17890 17893 17987 17998
17617

U.S. Army, Diamond Ordnance Fuse Laboratory
17991 17358 17583 17646 17896

U.S. Army, Picatinny Arsenal
17684

U.S. Army, Signal Research and Development Laboratory
17582 17919

U.S. Atomic Energy Commission
17834

U.S. Bureau of Mines
17383

U.S. Department of Defense
17386

U.S. Department of Defense, Institute for Defense Analyses
17903

U.S. Naval Research Laboratory
17336 17837 17588 17869
17356 17849

U.S. National Aeronautics and Space Administration, Goddard Space Flight Center
17271 17632 17633 17347 17627

U.S. National Aeronautics and Space Administration, Langley Research Center
17908 17344 17999

U.S. National Aeronautics and Space Administration, Lewis Research Center
17901 17892 17815 17885

U.S. National Aeronautics and Space Administration, Marshall Space Flight Center
17982 17995 17997

Toyo Rayon Company, Ltd.
17702

Romania
Institutul de Fizica Atomica al Academiei de Stiinta

17667

Russia
A.E. Atomenerg

17969

U.S.S.R.
Academy of Science of the U.S.S.R., Moscow
17701
Academy of Science, A.P. Lofte Khodzinski Institute, Leningrad
10828 1972
Academy of Science, P.N. Lebedev Physical Institute
17305
Academy of Science, Uzbek SSR

17697

I.I. Mechnikov State University

Moscow Steel Institute

17306

Ural Research Institute of Ferrous Metallurgy

17639

Yugoslavia
Boris Kidric Institute

17986

17987

FOREIGN ORGANIZATIONS

Belgium
Centre d'Etude de l'Energie Nucleaire
17660
Studiecentrum voor Kernenergie, Moe
17372 17368

Canada
National Research Council of Canada
17695
University of Alberta
17704

China
National Tsing Hua University, Taiwan
17843 17844

France
L'Ecole Normale Supérieure, Paris
17662 17855

Germany
Institut für Reaktorwerkstoffe der Kernforschungsanlage Jülich
17664
Laboratorium für Technische Physik der Technischen Hochschule
17790

Great Britain
Atomic Energy Research Establishment
17700 17364 17846 17308
17850 17318 17378 17840

Atomic Weapons Research Establishment
17835

Berkeley Nuclear Laboratory
17848

C.E.G.B. Nuclear Health and Safety Branch
17978

Dounreay Experimental Reactor Establishment
17663

Hewell and Clarendon Laboratory
17846

Imperial College of Science and Technology
17961 17894

National Physical Laboratory
17703

Pilkington Brothers Limited
17694

University of Reading
17376

Greece
University of Athens
17661

India
Naval Chemical and Metallurgical Laboratories
17910
Saha Institute of Nuclear Physics
17972

Israel
Israel Atomic Energy Commission
17316

Italy
Laboratori C.I.S.E.
17373

Japan
Industrial Research Institute
17361
Kobe Kogyo Corporation
17973
Kyoto University
17363
Mitsubishi Electric Industrial Co., Ltd.
17913
Osaka University
17973

Shizuoka University
17907

Tohoku University
17366 17907