

Contribution to the Study of the Evaporation of  
Aqueous Solutions of Uranyl Nitrate, by J. Billy.  
FRENCH, per, CEA-R-3265,  
AAEC LIB/TRANS 165

Sci/Chem

July 69

386-863

Interactions Between Impurities and Defects  
Created by Irradiation in Iron, by P. Vigier.  
110 pp.

FRENCH, per, CEA-R-3280, 1968, pp 1-109.  
\*NBS TT 70-57685

Sci-Mat  
Jul 70

Activation Analysis with Photons, by  
C. Englemann.  
FRENCH, rpt, CEA-R-3307, Dec 1967, pp 1-39.  
\*AFCLR

Sci-Nucl Sci  
Nov 69

Effect of High Hydrostatic Pressures on the Self-Diffusion of Uranium and the Noble Metals, by M. Beyeler.

FRENCH, per, CEA-R-3316, 1967, pp 1-29.

\*NTIS/NBS TT 71-55337

Available NBS Only

July 71

Isotopic Analysis of Uranium Hexafluoride  
Highly Enriched in U-235, by Louis Chaussy.  
FRENCH, rpt, CEA-R-3337.  
\*AEC

Sci-Phys  
Feb 69

Study of the Penetration of Aerosols into  
Filter Beds, by Hassan Parnianpour, 52 pp.  
FRENCHI, rpt, CEA-R-3347, 1967.  
AEC-ANL-Tr-655 P911275568-V

Sci/Chem  
Nov 68

368,920

Reaction of Uranium and Plutonium Carbides  
with Austenitic Steels, by M. Mouchino.  
FRENCH, rpt, CEA R-3353.  
NLL Ref: 9091 9F (Downrey 331)

Sci-Mat  
Jan 69

373,617

DELMAS, R. Isotopic exchange between molecular  
hydrogen and liquid ammonia catalyses by the alkaline am  
CEA-R-3377. (AAEC LIB/TRANS 213)



*AEC*  
4(BNWL-tr-67) 5PURIFICATION OF THE SODIUM FOR  
RAPSODIE. 6Giraud, B. 7((Commissariat a l'Energie Atomique,  
Cadarache (France). Centre d'Etudes Nucleaires)). 10Translated  
by Elizabeth Apploby (Battelle-Northwest, Richland, Wash.), from  
report 11CEA-R-3395. 2061p. 24Dep. NTIS.

26chemical engineering; reactor cooling; reactors--research; trans-  
lations 2707A, 181, 18M

28MN-80 29P NSA

Kinetic Study of the Reaction of Nitrogen with  
Uranium Monocarbide, by F. J. Herrmann

FRENCH, rpt, CEA-R-3398, 1968.

\*AEC/ORNL-Tr-2125

Sci/Chem  
Apr 69

Application of Thermodynamics to the Improvement of  
the Method of Industrial Purification of Resistant  
Metals and Semimetals, by Andre Accary.  
FRENCH, rpt, CEA-R-3390, 1968,  
\*AEC

phys  
July 69

Fundamental Relations between Transfer of Energy  
per Unit of Length Absorbed Dose, Kerma and  
Exposure. Application to Changes of Medium, by  
Henri Joffre, Lucien Pages, 39 pp.  
FRENCH, rpt, CEA-R 3424, Feb 1968.  
AEC/ORNL/Tr-1555-69

Sci/Nucl  
Jun 69

382,699

Localization of Alpha Emitters by Damage Production  
in a Thin Film. Application to the Study of Alpha  
Emitter Diffusion in Irradiated Samples, by  
B. Houdaille. 25 pp.

FRENCH, rpt, CEA-R-3426, 1968, pp 1-24.

\*NBS TT 70-57684

Sci-Phys  
Jul 70

(WAPD-Trans-128) FUNDAMENTAL EQUATIONS OF  
TWO-PHASE FLOW. PART I. GENERAL EQUATIONS OF CON-  
SERVATION. Delhaye, Jean-Mark (Commissariat a l'Energie  
Atomique, Grenoble (France). Centre d'Etudes Nucleaires).  
Translated for Bettis Atomic Power Lab., West Mifflin, Pa., from  
report CEA-R-3429-1. 94p. CFSTI.

fluid mechanics; translations

ND-38 P RC

1968

Unlimited

*RCO* (WAPD-Trans-129) FUNDAMENTAL EQUATIONS OF  
TWO-PHASE FLOW. PART II. ADDITIONS AND REMARKS.  
Delhay, Jean-Marc (Commissariat a l'Energie Atomique,  
Grenoble (France), Centre d'Etudes Nucleaires). Translated  
for Bettis Atomic Power Lab., West Mifflin, Pa., from report  
CEA-R-3429-2, 64p.

fluid mechanics; translations

ND-38 P RCO

Unlimited

Uranium Self-Diffusion in Uranium Monocarbide, by  
P. Villaine.

FRENCH, rpt, CEA-R-3436, 1968, pp 11-64.

\*NTIS/NBS TT 71-55336

Available NBS Only

July 71



Causes of Accidents near Accelerators and Radiation  
Protection Measures, by Henri Joffre, Henry Vialettes,  
20 pp.  
FRENCH, rpt, CEA-R 3443, Jan 1968.  
AEC/ORNL-Tr-2056-68

Sci/Nucl  
Sept 69

392,235

Study of a Decaying Helium Plasma Having a High  
Neutral Particle Density, by Robert Deloche,  
29 pp.  
FRENCH, rpt, CIA-R-3450, March 1968.  
AEC/SC/T-69-1001

Sci/Phy  
Apr 69

377,412

*HFC* (Al-Trans-289) AEROSOLS PRODUCED BY EVAP-  
ORATION OF URANIUM WIRE. Morel, Colette (Commissar-  
iat a l'Energie Atomique, Fontenay-aux-Roses (France). Centre  
d'Etudes Nucleaires)). Translated for Atomics International,  
Canoga Park, Calif., from report CEA-R-3473. 12044p. Dep.  
NTIS.

25

26 physics 2720

28 MN-34 29 P NSA

Migration Under the Effect of an Electric Field  
of Ag-110 and Sb-124 in Silver, by N. V. Doan.  
39 pp.

FRENCH, per, CEA-R-3480, 1968, pp 1-39.

\*NBS TT 70-57677

Sci-Chem  
Jul 70

Neutron Transmission in the Access Tunnels to a  
High-Energy Proton Accelerator, by  
Marguerite-Marie d'Hombres, Christian Devillers,  
23 pp.

FRENCH, rpt, CEA-R-3491.

AEC/ORNL/Tr-1989-68

Sci/Phy  
Mar 69

376,961

*Alloy* (SC-T-722467) X-RAY TOPOGRAPHY OF URANIUM  
ALLOYS. Le Naour, Lucien (Commissariat a l'Energie Atomique  
Saclay (France), Centre d'Etudes Nucleaires). Translated for  
Sandia Labs., Albuquerque, N. Mex., from report CEA-R-3494, 1968  
45p. Dep. NTIS.

metallurgy; translations 11F

MN-25 P NSA

Influence of Small Additions of Alloying Elements,  
by Michel Colombia. 24 pp.  
FRENCH, rpt, CRA-R-3529.  
AEC-~~ER~~-tr-69-25

*LP*

Sci-Mat  
Oct 70

Contribution to the Study of the System (U,Pu)  
C, N, by Robert Lorenzelli, 71 pp.  
FRINCH, rpt, CEA-R-3536, May 1968, pp 1-58.  
AEC/ORNL/Tr-3019-69

Sci/Nucl  
May 69

382,572



*AEC* (LA-4243-TR) IMPROVING GRID IONIZATION CHAM-  
BER CHARACTERISTICS FOR ALPHA SPECTROMETRY. <sup>6</sup>Le Du,  
Rene; Millenberger, Bernard <sup>7</sup>(Commissariat a l'Energie Atom-  
ique, Bruyeres-le-Chatel (France). Centre d'Etudes). <sup>8</sup>Trans-  
lated for Los Alamos Scientific Lab., N. Mex., from report <sup>11</sup>CEA-  
R-3566. <sup>15</sup>12p. <sup>24</sup>Dep. CFSTI.

<sup>26</sup>instrumentation; translations <sup>21</sup>18D

<sup>28</sup>STD-34 <sup>29</sup>P NSA

Diffusion and the Kirkendall Effect in the Pu-Zr  
System, by C. Remy.

FRENCH, rpt, CBA-R-3573, pp 1-52.

\*Nat Bur Stand TT 70-57928

Sci-Chem  
Jul 70

Contribution to the Study of the Diffusion at  
Infinite Dilution in the Plutonium-Nickel and  
Uranium-Aluminium Systems, by J. J. Blechet.  
FRENCH, rpt, CEA R-3577.  
NLL Ref: 9091.9F (Downreay 396)

Sci/Chem  
Mar 70

401,885

Agency: AEC/NY  
P.O. No. 69-2562

*R-104JT-B*  
*3 June 69*

Title: La Concentration Maximale Admissible  
du Radon 222 dans L'Air

Authors: Jean Hamard, Paul-George Beau  
Alain Eigas

Source: Commissariat a L'Energie Atomique  
CEA-R-3583

*28 pp.*

Language: French

Special Instruction: pls translate and type 1  
copy only

Distribution, Atmospheric Transfer and Balance  
of Krypton-85, by Raymond Pannetier, 153 pp.  
FRENCH, Thesis, CEA-R-3591, 1968.  
AEC/BNWL-Tr-34

Sci/Chem  
Oct 69

393,465

BT69-11-705T

COMMISSARIAT A L'ENERGIE ATOMIQUE, 18 OCT 68,  
Pages 1-26, OBJECTIFS - JUIN 1968

ENGLISH TITLE - LENSES - JUNE 1968

AUTHOR DE METZ, J.

*In Process as HT-23-447-69*

*File* (LA-tr-71-12) <sup>8</sup>SOME CRITERIA FOR CHOOSING  
PRESSES FOR THE COMPACTION OF RADIOACTIVE WASTE.  
<sup>6</sup>Seyfried, Philippe <sup>7</sup>(Commissariat a l'Energie Atomique, Chus-  
olan (France). Centre de Production de Plutonium de Marcoule).  
<sup>10</sup>Translated by Anna Vakar (Los Alamos Scientific Lab., N. Mex.),  
from report <sup>11</sup>CEA-R-3619. <sup>20</sup>21p. <sup>24</sup>Dep. NTIS.

<sup>28</sup>methods and equipment; radioactive wastes; translations <sup>27</sup>14,  
18G

<sup>28</sup>MN-70 <sup>29</sup>P NSA

Absolute Measurement of the Isotopic Ratio of a  
Water Sample with Very Low Deuterium Content,  
by Robert Hagemann.

FRENCH, rpt, CEA-R-3633, 1968.

\*AEC

June 72



Protection of uranium With Metallic Coatings, by  
P. Bague.

FRENCH, per, CEA-R-3638, 1968, pp 1-20.

\*NBS TT 71-53057

Available NBS Only

June 71

Radiochemical Separations of Hafnium, Tantalum,  
and Germanium from Tungsten and Selenium Irradiated  
by 14 MeV Neutrons, by Jean Blachot, 10 pp.  
FRENCH, rpt, CEA-R-3678, Dec 1968.  
AEC/ORNL-Tr-2390-70

Sci/Chem  
Oct 70

A Mathematical Model for Gastrointestinal-Tract  
Dosimetry: Application to Adults, by George Vacca,  
Jean-Pierre Bazin, 56 pp.  
FRANCI, rpt, CEA-R-3707.  
AEC/ORNL-Tr-2231-69

Sci/Method & Equip  
Dec 69

398,124

Application of Gamma Absorptionmetry to the Analysis  
of Uranium in Solutions, by Michel Lavaud, 27 pp.  
FRENCH, rpt, CEA-R-3708.  
AEC/LIB-Tr-218

Sci/Chem  
Mar 70

402,637

The Influence of a Hydrostatic Pressure on the  
Diffusion in Metals Having a Cubic Structure,  
by M. Beyeler.

FRENCH, rpt, CBA-R-3715, pp 1-135.

\*Nat Bur Stand TT 70-57938

Sci-Phys  
Jul 70

Forced Convection of Ammonia, Part II, Gaseous  
Ammonia, by Paul Perroud, J. Robiere, 150 pp.  
FRENCH, rpt, CHA-R-3728, 1969.  
AEC/LASLUC/LA-IT-70-12

Sci/Chem  
Sept 70

Pilot Plant for Bitumen Coating of High-Level  
Concentrates, by Jenn Rodier, Guy Lofillatre,  
21 pp.

FRENCH, rpt, CEA-R-3734.  
AEC/ORNL-Tr-2183-69

Sci/Mech  
Dec 69

398,063

1100 (UCRL-Trans-10617-11) 1 CALCULATION OF THE  
SHOCK WAVE IN THE CLOSE-IN ZONE OF AN UNDERGROUND  
NUCLEAR EXPLOSION (CADES METHOD). 1 Suptot, Francis;  
Brugies, Jacques. 10 Translated for Univ. of California Lawrence  
Livermore Lab., from report 11 CEA-R-3736. 20 29p. 24 Dep.  
NTIS.

26 geology; nuclear explosions 27 8G, 18C

28 STD-35 29 P NSA



Point Defects in Nickel, by P. Peretto. 151 pp.  
FRENCH, rpt, CRA-R-3772, pp 1-150.  
\*NBS TT 70-57687

Sci-Mat  
Jul 70

Electron Microscope Study of Vacancy Clusters Produced  
by Quenching in Magnesium, by V. Levy.  
FRENCH, rpt, CEA-R-3784, 1969, pp 1-19.  
\*NTIS/NBS TT 71-55322  
Available NBS Only

July 71

Structure and Properties of  $(U,Pu)O_2$  Containing  
Non-Active Fission Products. A Simulation of  
Irradiated Nuclear Fuel, by Franz Schmitz.  
FRENCH, rpt, CEA-R-3795, 1969.

\*AEC

Sci/Prop & Fuel  
Oct 69

393,461

Behavior of Trivalent Actinides and Lanthanide  
Elements in Chloride Solution, by Bernard Marin,  
108 pp.  
FRENCH, rpt, CEA-R-3803, 1969.  
AEC/ORNL-Tr-234-70

Sci/Chem  
Nov 70

Vacancy Flux and Precipitation Phenomena in Kirkendall,  
by C. Monty.

FRENCH, rpt, CEA-R-3839, 1969, pp 1-85.

\*NIDS/NBS TT 71-53139

Available NBS Only

June 71

Configuration and Migration of Point Defects in Alkali  
Metals, by I. M. Torrens.  
FRENCH, rpt, CEA-R-3849, 1969.  
\*NTIS TT 72-53170

Aug 72

11 UCRL-Trans-10617-8) PHYSICS OF THE PHENOMENA IN THE CLOSE-IN ZONE AROUND UNDERGROUND NUCLEAR EXPLOSIONS. Maury, Jacques; Lovrot, Clot. 10 Translated for Univ. of California Lawrence Livermore Lab., from report 11 CEA-R-3850. 12 64p. 24 Dep. NTIS.

26 Geology; nuclear explosions 27 8G, 18C

28 STD-35 29 P NSA

4(BNWL-1r-65) 5SYNTHESIS AND CRYSTALLOGRAPHIC  
STUDY OF COMPOUNDS OF THE SYSTEM  $Cs_2O-Al_2O_3-SiO_2$ .  
6Langlot, Gerard 7(Commissariat a l'Energie Atomique, Saclay  
(France), Centre d'Etudes Nucleaires). 810Translated from report  
11CEA-R-3853. 15120134p. 24Dep. NTIS.

26chemistry (inorganic); crystallography; translations 2707B, 20B

28MN-4 29P NSA



**A Study of Point Defects Created by Electron  
Irradiation of Dilute Iron-Carbon Alloys, by  
J. L. Laveque. 50 pp.  
FRENCH, per, CEA-R-3857, 1969, pp 1-50.  
\*NBS TT 70-57686**

**Sci-Mat  
Jul 70**

The Code Edith-Calculation of the Dynamic and Thermal Characteristics of a Gas Circuit in Variable Flow Conditions. Application to the Study of the Start-up of a Reactor Under Natural Convection Flow Conditions, by J. Rousseau. FRENCH, rpt, CEA-R-3015, 1969. C.E. Trans 5373

Sci-Prop & Fuels  
Jul 70

FRENCH, rpt, CEA-R-3860, 1970.  
ABC/SC/T-70-4027

Sci/Elec  
Sept 70

TARASSENKO, S. Measurement of the temperature of a  
nuclear core reactor.  
CEA-R-3916. (AAEC LIB/TRANS 265)

11 (UCRL-Trans-10617-3) 1 UNDERGROUND NUCLEAR  
EXPLOSIONS. A Study of the Zones of Fracturing. 4 Derlich,  
Serge. 10 Translated for Univ. of California Lawrence Livermore  
Lab., from report 11 CEA-R-3941. 20 42p. 24 Dep. NTIS.

26 geology; nuclear explosions 27 8G, 18C

28 STD-35 29 P NSA

**Energy Losses, Range, and Bremsstrahlung Yield for  
10 keV to 100 MeV Electrons in Some Simple Elements  
and Some Chemical Compounds, by Lucien Pages,  
Evelyn Bertel, 137 pp.  
FRENCH, rpt, CEA-R-3942, 1970.  
ABC/ONL-Tr-2331**

Sci/Nucl  
Oct 70

Assessment of the Diffusion of Gaseous HF-  
Isotopes in Free Atmosphere From a Continuous  
Point Source - Graphs and Commentary, by  
R. Le Quinio,  
FRENCH, rpt, ~~Commissariat a l'Enceinte Atomique~~ -  
Report R3915 Feb 1970.  
CMB-5516

June 71

Physical Properties of Ceramics Based on Uranium  
and Plutonium, by Andre Fedal, 80 pp.  
FRENCH, rpt, CEA-R-3953, June 1970.  
AEC/CRNL-Tr-2388-70

Sci/ Mater  
Dec 70



*REC* (UCRL-Trans-10617-9) CODE S CALCULATION OF  
THE EFFECTS OF CONTAINED UNDERGROUND EXPLOSIONS.  
PART ONE, METHOD OF CALCULATION. Maury, Jacques.  
Translated for Univ. of California Lawrence Livermore Lab.,  
from report CEA-R-3957(1). 2095p. Dep. NTIS.

geology; nuclear explosions 8G, 18C

STD-35 P NSA

Action of Very Short Laser Pulses on a Solid  
Target, by J.P. Babuel-Peyrissac, C. Fauquignon,  
FRENCH, per. Commissariat a l'Energie Atomique,  
CEA-R-3970, April 1970.  
APL/JHU-T-2542

*HIR/F70-HT-23-107-71 pp 1-19 21pp*

Aug 71

Measurement of Surface Potentials and  
Determination of the Free Enthalpies of  
Formation of Frenkel Defects in AgBr,  
by J.L. Crolet.  
FRENCH, rpt, CEA-R-3972, 1970, pp. 1-39.  
\*NAT BUR STAND TT 70-57955

Sci/chem  
Jul 70

*Atc* (UCRL-Trans-10617-6) UNDERGROUND NUCLEAR  
EXPLOSIONS: A STUDY OF THE MINERALOGICAL TRANSFORM-  
ATIONS, Results from the Sahara Explosion Site. Faure, Jean.  
Translated for Univ. of California Lawrence Livermore Lab.,  
from report CEA-R-3990, 35p. Dep. NTIS.

geology; nuclear explosions 8G, 18C

STD-35 P NSA

Radionuclide Determination by Successive Short  
Samplings--Application to the Measurement of the Con-  
centration and Disequilibria of Radon Decay Products  
in Free and Conditioned Atmospheres.

FRENCH, rpt, CEA-R-4048, 1970.

\*NTIS TT 72-53063

July 72

Determination of Small Solubilities by Measurement of  
Chemical Diffusion Coefficients. Application to the  
Nickel-Uranium System, by J. P. Zanghi.  
FRENCH, rpt, CEA-R 4066, 1970.  
\*NTIS TT 72-53109

Aug 72

1770 (RFP-Trans-113) CONTRIBUTION TO THE STUDY  
OF THE MIGRATION OF  $^{106}\text{Ru}$  IN SOILS. Amy, Jean-Paul  
(Commissariat a l'Energie Atomique, Cadarache (France). Cen-  
tre d'Etudes Nucleaires). Translated for Dow Chemical Co.,  
Rocky Flats Div., from report CEA-R-4168. 204p. Dep. NTIS.

environmental studies; translations 27

MN-41 P NSA

HEC (RFP-Trans-103) PRACTICAL USE OF THE DISTRIBUTION COEFFICIENT FOR MEASUREMENT OF RADIOACTIVE CONTAMINATION OF MINERALS IN ROCKS, SOIL, AND UNDERGROUND WATERS. Ranzon, Daniel (Commissariat a l'Energie Atomique, Cadarache (France), Centre d'Etudes Nucleaires). Translated for Dow Chemical Co., Golden, Colo., from report CEA-R-4274. 152033p. Dep. NTIS.

health and safety; translations 06R

MN-41 P NSA



A. Teytu

*Thermal models of nuclear fuel elements*  
FRENCH, per, Commissariat a l'energie atomique,  
Bulletin d'informations scientifiques et techniques,  
No 156, Feb 1971, pp 13-22.  
C.E. trois 5885

july 72

The Use of Superconductors for Storage and Discharge  
of Electrical Energy, by J. Solo. 137 pp.

FRENCH, rpt, GEA-R-3515.

NASA-TT-F-13559

Sept 71

<sup>4</sup>(AEC-11-7345) <sup>1</sup>ABSOLUTE MEASUREMENT OF THE  
ISOTOPIC RATIO OF A WATER SAMPLE WITH A VERY LOW  
DEUTERIUM CONTENT. <sup>6</sup>Hagemann, R.; Nief, G.; Roth, E.  
<sup>10</sup>Translated for Savannah River Lab., Aiken, S. C., from report  
<sup>11</sup>CEA-R-3633. <sup>15</sup>2025p. <sup>24</sup>Dep. NTIS.

<sup>28</sup>isotopes; translations <sup>27</sup>18D

<sup>28</sup>MN-22 <sup>20</sup>P NSA

Alpha-Grain Refining and Metal Lurgical Investigation  
of the Uranium Alloy Sicral F1 for Fuel Elements,  
by Pierre Magnier, 95 pp.  
FRENCH, rpt, Commissariat a l'Energie Atomique, Saclay  
(France). Centre d'Etudes Nucleaires). CEA-R-3905,  
1969.  
AEC/SC-T-722464

April 72

Agency: AEC/Tenn.

P.O. Number: PFM-73-73

R-15829-8  
21 Sec-72

Title: Extracts from French papers:

1. UNE SERIE PRECAMBRIENNE DU GABON: LE FRANCE-VILLIEN.
2. CONTRIBUTION A L'ETUDE SEDIMENTOLOGIQUE ET GEOCHIMIQUE DU BASSIN DE FRANCEVILLE.

Authors: 1. Francis Weber.  
2. R. Faure-Mercuret.

Source: 1. CEA-R-4054, pp 104-5.  
2. not known

Language: French

*AEC* (UCRL-Trans-10574) DISTRIBUTION OF RADIOACTIVITY IN LAVA FROM THE CAVITY OF A NUCLEAR EXPLOSION. Audidiere, Pierre; Balard, Francois; Dupouy, Jean-Pierre; Van Kote, Francis (Commissariat a l'Energie Atomique, Bruyeres-le-Chatel (France). Centre d'Etudes). Translated by Margaret Burke (Univ. of California, Lawrence Radiation Lab., Livermore), from report CEA-R-4099. 22p. Dep. NTIS.

nuclear explosions; radioactivity; translations 18C, 18H

STD-35 P NSA

REVISED CARD

*REC* (ORNL-tr-2579) STUDY OF URANIUM-TITANIUM  
ALLOYS WITH A LOW TITANIUM CONTENT (0 TO 1.5 PERCENT)  
BY WEIGHT. Linard, Michel (Commissariat a l'Energie  
Atomique, Valduc (France). Centre d'Etudes). Translated for  
Oak Ridge National Lab., Tenn., from report CEA-R-4180. 2074p.  
Dep. NTIS.

metallurgy; translations 11F

MN-25 P NSA

<sup>4</sup>(SC-T-722545) <sup>5</sup>PREPARATION AND OPERATION  
OF METAL HYDRIDE NEUTRON-PRODUCING TARGETS. <sup>6</sup>  
Detaint, Jacques <sup>7</sup>(Commissariat a l'Energie Atomique, Grenoble  
(France). Centre d'Etudes Nucleaires). <sup>10</sup>Translation of report  
<sup>11</sup>CEA-R-4212. <sup>20</sup>186p. <sup>24</sup>Dep. NTIS.  
<sup>25</sup>Thesis. Submitted to Univ. of Grenoble, France.

<sup>26</sup>particle accelerators; translations <sup>27</sup>20G

<sup>28</sup>MN-28 <sup>29</sup>P NSA



11100 (ANL-Trans-031) PRACTICAL UTILIZATION OF  
THE DISTRIBUTION COEFFICIENT FOR THE MEASUREMENT  
OF THE RADIOACTIVE CONTAMINATION OF MINERALS IN  
ROCKS, SOIL, AND SUBTERRANEAN WATER. Rancon, Daniel.  
(Commissariat a l'Energie Atomique, Cadarache (France).  
Centre d'Etudes Nucleaires). 10 Translated for Argonne National  
Lab., Ill., from report 11 CEA-R-4274. 20 33p. 24 Dep. NTIS.

20 chemistry (analytical); environmental studies; translations 27 07

28 MN-4 29 P NSA

Contribution to the Experimental Study of Radiation  
Transmission through Control Passages in the  
Shielding of High Energy Accelerators, by A. Rindi  
FRENCH, rpt, France. Commissariat a l'Energie  
Atomique, Rapport CEA-SPR/S-2728  
NTC 71-16500-20G

mar 72

(ARC-tr-7309) CRITICAL FLOW RATES IN WATER-  
VAPOR DIPHASIC FLOW. Final Report. Boure, J.; Reocreux,  
M.; Barriere, G.; Flamand, J. C.; Schipfer, P. (Commissariat a  
l'Energie Atomique, Grenoble (France). Centre d'Etudes Nu-  
cleaires). Translation of report TT No. 106. 174p. Dep.  
NTIS.

engineering; translations 13

MN-38 P NSA

100 (EURFNR-811) CONTACT EFFECTS BETWEEN  
MOLTEN  $UO_2$  AND SODIUM AND MOLTEN  $UO_2$  AND WATER.  
Amblard, M.; Somerla, R.; Vernier, P.; Gouzy, A.; Najac, M.  
(Commissariat a l'Energie Atomique, Grenoble (France). Centre  
d'Etudes Nucleaires). Translation of report T. T. No. 96. 61p.  
Dep. NTIS.

Work performed under United States-Euratom Fast Reactor  
Exchange Program.

reactor cooling; reactor fuels; translations 18I, 18J

MN-25 P NSA

REVISED CARD

Manual of the  
DUTCH, per, *Commissie van Proefneming*, Part 2, 1,  
Chapter 2-1, pp 1-19. 9696233.  
FSTC 381-T64-72

Sci - Phys  
Mar 65

276,315

The Measurement of Post Impact Delay and Trajectory Duration Using Electromagnetic Phenomena Produced by Detonations, by H. J. DeBruine.  
FRENCH/GERMAN, Commissie Proefneming - Handleiding  
Deel IA Hoofdstuk, 22-1a RvR 193/67.11. pp 61-  
109.

\*ACSI J-4437  
ID 2204008568

Sci-Elec  
Mar 68

English Title Unknown, by P. G. Burkard.  
FRENCH, rpt, Commission International Pour la Protection  
des Eaux du Lemman Contre la Pollution, Dec 1971.  
\*NTIS TT 72-53107

Aug 72

*Commun etc*

*Filed as Comu etc*



Details of Communist Party Schism, by  
Eleanor Dias Rangel, 37 pp.  
GOVERNMENT USE ONLY  
SPANISH, par. Como se Dividió el PCV, Caracas,  
1971, pp 7-105.  
JPNS/L 3768

May 71

Effect on the Osmoregulation of Eel by Various  
Antibiotics Inhibitors of the Protein Synthesis or  
Cellular Rejuvenation, by J. Maets, 36 pp.

FRENCH, per, Comp Biochem Physiol, No 30, 1969,  
pp 1125-1151.

Dept of Interior

BCF/OFF

A-35-Jan 1970-No 15

On Loan

Sci/BEM

Apr 70

404,841

DC- 12625  
19 Sep 66

Role of the Moderator in an Atomic Pile; Moderators  
Customarily Used; Heavy Water and its Manufacture;  
Liquefaction and Rectification of Hydrogen, lpp-  
(no over-all title)  
Untitled brochure of "Compagnie Francaise de l'Eau  
Lourde, Paris, (?)

French

W/Sci

Special Type "B": Translator's draft plus one

T.D. 26 Sep 66

pp- do not mutilate,

7/11

Adjustable Frequency Coherent Light Generators,  
by B. De Cromous,  
FRENCH, rpt, Compagnie Generals de Telegraphie  
Sans Fil, IR 2252052666, 1966, 4 pp.  
\*Dept of Navy/Bu Ships 1003

PRIOR APPROVAL OF THE COMMANDER, NAVAL SHIPS  
SYSTEMS COMMAND  
Sci-Elect & Electr Engr  
Dec 66

314,869\*

Caissons of Reactors G 2 and G 3 - Protection  
of the Prestressed Cables, by P. Poitevin.  
FRENCH, per, Compagnie Industrielle de  
Travaux, 21 Mar 1966.  
\*AEC ORNL Tr-1690

Sci - Nuclear Science  
May 67

**Prestressed Concrete Containers of the O2 and  
O3 Reactors, by P. Poitevin, 7 pp.  
FRENCH, rpt, Societe Indust. de Travaux,  
Mar 29, 1967. P911278067  
AEC ORNL-TX-1691**

Sci/Nucl. Sci  
Nov 67

342,403

Comparison of Spectrographic Methods of  
Analysis for Plutonium and its Compounds,  
by Michel Chaput, et al.  
FRANCI, rpt, Comparaison des Methodes  
Spectrographiques D'analyse du Plutonium  
et de ses Compose, CEA-R-2869, 1965.

\*ALC

EDC May 66

Sci/Physics

May 66

ITALIAN

*Completed  
Special*

CSO: 01715/72 W  
9 Feb. 1972 SF

Electoral Behavior in Italy, by V. Capocchi,  
V. Cioni Felaschini et al. 52 pp

Bologna, Italy, Il Comportamento Elettorale in  
Italia, 1968, (SEE ATTACHED SHEET)

Copyright: 1968 Societa Editrice Il Mulino, Bologna

All Rec  
Special type B  
Do not publish  
Original plus one  
ENCLOSURE

RECEIVED

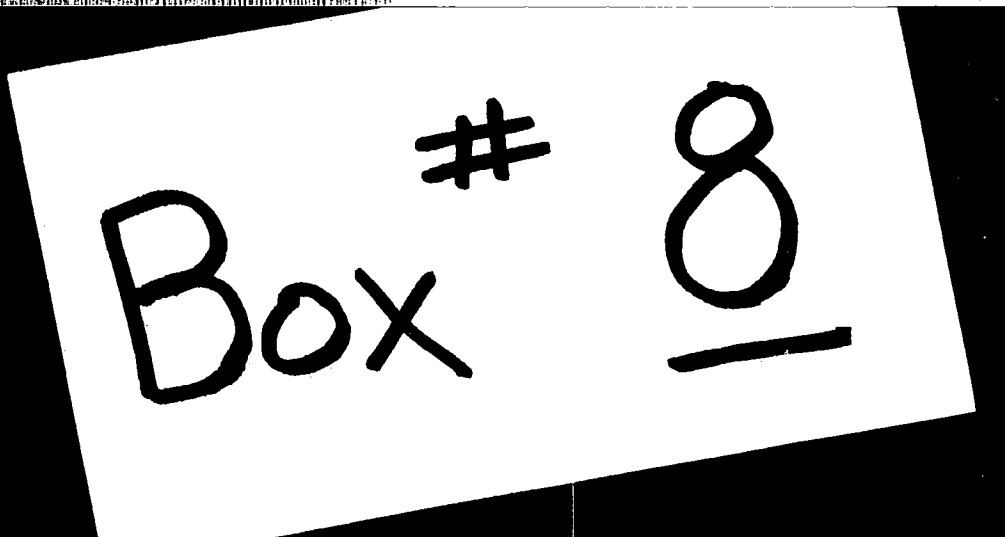
F. B. 16 February 1972.



Irradiation Behaviour of Mixed Uranium-Plutonium  
Carbides, Nitrides and Carbo-Nitrides, by Hubert  
Mikhailoff, Jean-Pierre Mustelier, Jacqueline  
Bloch, Jacques Leclere, Lucien Hayet.  
FRUSCH, rpt, Comportement a l'Irradiation de  
Carbures, Nitrides, et Carbo-Nitrides Mixtes  
d'Uranium et de Plutonium. Rpt, OEA-N-3223,  
SER. 3647-1 1967.  
\*AEC ORNL Tr 1763

Sci - Nuclear Science  
Sep 67

Box # 8



Box # 8

Box # 8

Comptes Rendus  
Filed by year and <sup>Volume and</sup> pages

Trerigard Series

Two-Dimensional Nonsteady Flow in a  
Progressive-Wave Plasma Accelerator,  
by R. Peyret.  
FRENCH, per, Compt. Rend,  
NASA TT F-9808

U. S. GOVERNMENT USE ONLY"  
Sci-B&M  
Apr 66

298,781

Reinforcement of the Green Line of the Night Sky  
Glow Upon Ejection With the Aid of a Rocket of  
Trimethylaluminum into the Upper Atmosphere,  
by J. C. Jeannot.  
FRENCH, par, Comptes Rendus, Vol 1, 1965,  
pp 645-637.  
NASA TT F-9675.

Sci-EWS/A  
Jan 65

281,102



A Neurophysiological Study of Ro 4-5360, by L.  
Lanior and G. Dolco, et al, 5 p.  
FRENCH, per, Comptes Rendus, Vol CLIX, No 2, 1965,  
pp 431-435.  
SLA TT 66-10532

Sci-B&M  
JUN 66

303,695

Effect of Impurities on the Magnetic Viscosity  
of Iron Irradiated by Fast Neutrons, by  
Pierre Vigier, Pierre Moser.  
FRENCH, par, Comptes Rendus, No 260,  
1965 9229774  
AEC ORNL-Tr-614

Sci-Phys  
Nov 65

291,666

Interaction of Impurity Defects in Zone  
Fusion Iron Doped by H<sub>2</sub> and irradiated  
by Fast Neutrons at 77° K, by Pierre  
Vigier, Vital Hivert.  
FRENCH, par, Comptes Rendus, No 260,  
pp 33-39, 1965 9229764  
AEC ORNL-Tr-615

Sci-Phys  
Nov 65

291,6644