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EML PUBLICATIONS
By Publication Date
1/01/50 - 12/31/70

2/23/94

Paper Number : 93-056, EML Number : 191E
Shambon, A.

"Investigation of the LiF TLD System for Low
Exposures"

USAEC Report HASL-191
December, 1967

Paper Number : 93-055, EML Number : 190E
Beck, H. L., B. G. Bennett and T. G. McCraw

"External Radiation Levels on Bikini Atoll - May
1967"

USAEC Report HASL-190
December, 1967

Paper Number : 93-048, EML Number : 184E
"Fallout Program Quarterly Summary Reports (with
Appendix)"

E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-184
January, 1968

Paper Number : 93-058, EML Number : 193E
"Fallout Program Quarterly Summary Report"

E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-193
April, 1968

Paper Number : 93-061, EML Number : 196E
Sutton, D. C. and J. J. Kelly

"Strontium-90 and Cesium-137 Measurements of Large
Volume Sea Water Samples"

USAEC Report HASL-196
April, 1968

Paper Number : 93-060, EML Number : 195E
Beck, H. L. and G. de Planque

"The Radiation Field in Air Due to Distributed
Gamma-Ray Sources in the Ground"

USAEC Report HASL-195
May, 1968

EML PUBLICATIONS
By Publication Date
1/01/50 - 12/31/70

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Paper Number : 93-057, EML Number : 192E
Beck, H. L., B. G. Bennett and K. O'Brien
"A Monte Carlo Procedure for Calculation of the
 Extranuclear Cascade"
USAEC Report HASL-192
 June, 1968

Paper Number : 93-062, EML Number : 197E
"Fallout Program Quarterly Summary Report"
E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-197
 July, 1968

Paper Number : 93-064, EML Number : 199E
O'Brien, K.
"Transverse Shielding Calculations for the
 Components of a 1/2 TeV Proton Synchrotron"
USAEC Report HASL-199
 August, 1968

Paper Number : 93-063, EML Number : 198E
Latner, H.
"Determining the "State of Charge" of Nickel-
 Cadmium Batteries by Farad Capacitance
 Measurements"
USAEC Report HASL-198
 August, 1968

Paper Number : 93-065, EML Number : 200E
"Fallout Program Quarterly Summary Report (with
 Appendix)"
E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-200
 October, 1968

Paper Number : 93-066, EML Number : 201E
Shambon, A. and J. E. McLaughlin
"Low Dose Measurements with Thermoluminescent
 Dosimeters"
USAEC Report HASL-201
 October, 1968

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EML PUBLICATIONS
By Publication Date
1/01/50 - 12/31/70

2/23/94

Paper Number : 93-067, EML Number : 202E
Thomas, J. W.
"Determination of Radon Progeny in Air from Alpha
 Activity of Air Samples"
USAEC Report HASL-202
 November, 1968

Paper Number : 93-068, EML Number : 203E
O'Brien, K.
"Tables for the Determination of the Lateral
 Shielding Requirements of High Energy
 Accelerators"
USAEC Report HASL-203
 November, 1968

Paper Number : 93-059, EML Number : 194E
Loysen, F. and H. Franklin
"Investigation of Recirculation by Stratospheric
 Air Samplers"
USAEC Report HASL-194
 December, 1968

Paper Number : 93-069, EML Number : 204E
"Fallout Program Quarterly Summary Report"
E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-204
 January, 1969

Paper Number : 93-070, EML Number : 205E
Bennett, B. G., G. deP. Burke and H. L. Beck
"Experimental and Theoretical Studies of the
 Transport of Gamma-Rays Through Slab Shields"
USAEC Report HASL-205
 January, 1969

Paper Number : 93-071, EML Number : 206E
Lazanoff, A. S. and J. E. McLaughlin
"Feasibility Study of Using LiF Detectors in a
 Neutron Flux Integrator"
USAEC Report HASL-206
 March, 1969

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EML PUBLICATIONS
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1/01/50 - 12/31/70

2/23/94

Paper Number : 93-073, EML Number : 208E
Wilson, F.
"Ground Plane Printed Circuit Boards by Refracted
 Photographic Method"
USAEC Report HASL-208
 March, 1969

Paper Number : 93-072, EML Number : 207E
"Fallout Program Quarterly Summary Report"
E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-207
 April, 1969

Paper Number : 93-074, EML Number : 209E
Lowder, W. H.
"Low-Energy Atmospheric Gamma Radiation as a
 Measure of Cosmic-Ray Secondary Electron Flux"
USAEC Report HASL-209
 June, 1969

Paper Number : 93-075, EML Number : 210E
"Fallout Program Quarterly Summary Report"
E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-210
 July, 1969

Paper Number : 93-076, EML Number : 211E
Krajewski, B.
"Calculation of Stratospheric Air Sample Volumes"
USAEC Report HASL-211
 July, 1969

Paper Number : 93-077, EML Number : 212E
Sutton, D. C. and M. Miro
"Sequential Determination of Stable Barium,
 Strontium, Calcium, and Magnesium in Biological
 Materials"
USAEC Report HASL-212
 July, 1969

Paper Number : 93-080, EML Number : 215E
Frey, F. W. and B. Krajewski
"HASL Model of Atmospheric Transport"
USAEC Report HASL-215
 September, 1969

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EML PUBLICATIONS
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2/23/94

Paper Number : 93-079, EML Number : 214E
"Fallout Program Quarterly Summary Report (with
 Appendix)"
E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-214
 October, 1969

Paper Number : 93-078, EML Number : 213E
Beck, H. L.
"A Monte Carlo Simulation of the Transport of High
 Energy Electrons and Photons in Matter"
USAEC Report HASL-213
 October, 1969

Paper Number : 93-081, EML Number : 216E
O'Brien, K.
"Consideration of Cosmic-Rays as Secondaries"
USAEC Report HASL-216
 November, 1969

Paper Number : 93-085, EML Number : 220E
Breslin, A. J., A. C. George and M. S. Weinstein
"Investigation of the Radiological Characteristics
 of Uranium Mine Atmospheres"
USAEC Report HASL-220
 December, 1969

Paper Number : 93-084, EML Number : 219E
Strash, A. M.
"Thesis: Thermoluminescence Spectrum and the
 Energy Conversion Efficiency of Lithium
 Fluoride"
USAEC Report HASL-219
 December, 1969

Paper Number : 93-082, EML Number : 217E
"Fallout Program Quarterly Summary Report"
E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-217
 January, 1970

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EML PUBLICATIONS
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2/23/94

Paper Number : 93-083, EML Number : 218E
"Index to Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-218
January, 1970

Paper Number : 93-086, EML Number : 221E
O'Brien, K.
"Shielding Calculations for Broad Neutron Beams
Normally Incident on Slabs of Concrete"
USAEC Report HASL-221
January, 1970

Paper Number : 93-087, EML Number : 222E
Hajnal, F., J. E. McLaughlin and R. Oeschler
"Technique for Determining Moderated-Neutron
Instrument Characteristics"
USAEC Report HASL-222
February, 1970

Paper Number : 93-088, EML Number : 223E
Weinstein, M., F. Hajnal, J. McLaughlin and
K. O'Brien
"Neutron Dose Equivalents from Multisphere
Accelerator-Shield Leakage Spectra"
USAEC Report HASL-223
March, 1970

Paper Number : 93-089, EML Number : 224E
"Fallout Program Quarterly Summary Report"
E. P. Hardy (Editor)
USAEC Report HASL-224
April, 1970

Paper Number : 93-092, EML Number : 226E
Bennett, B. G., J. E. McLaughlin, K. O'Brien and
M. S. Weinstein
"Estimating Stray Photon Spectra and Dose Above 25
MeV Near the Transverse Shielding of a Proton
Synchrotron"
USAEC Report HASL-226
April, 1970

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EML PUBLICATIONS
By Publication Date
1/01/50 - 12/31/70

2/23/94

Paper Number : 93-091, EML Number : 225E
Graveson, R. T.
"A Computational Method for Photopeak Location and
Integration"
USAEC Report HASL-225
April, 1970

Paper Number : 93-095, EML Number : 229E
Woodard, H. Q.
"The Biological Effects of Tritium"
USAEC Report HASL-229
May, 1970

Paper Number : 93-094, EML Number : 228E
O'Brien, K. and J. E. McLaughlin
"Calculation of Dose and Dose-Equivalent Rates
to Man in the Atmosphere from Galactic Cosmic-
Rays"
USAEC Report HASL-228
May, 1970

Paper Number : 93-097, EML Number : 231E
Beck, H. L.
"Broad Beam Cesium-137 and Cobalt-60 Gamma Ray
Transmission Through Laminated Lead-Concret
Barriers"
USAEC Report HASL-231
June, 1970

Paper Number : 93-098, EML Number : 232E
Freudenthal, P. C.
"Aerosol Scavenging by Ocean Spray"
USAEC Report HASL-232
June, 1970

Paper Number : 93-096, EML Number : 230E
Sanna, R. S., J. E. McLaughlin and K. O'Brien
"Nuclear Emulsion Spectrometry at Low and
Intermediate Neutron Energies (An Updating
of HASL-162)"
USAEC Report HASL-230
June, 1970

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EML PUBLICATIONS
By Publication Date
1/01/50 - 12/31/70

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Paper Number : 93-093, EML Number : 227E
"Fallout Program Quarterly Summary Report"
E. P. Hardy (Editor)
USAEC Report HASL-227
July, 1970

Paper Number : 93-099, EML Number : 233E
Shambon, A. and D. C. Freeswick
"Tests of TLD-700 High Sensitivity LiF Ribbon for
Low-Level Environmental Radiation Measurements"
USAEC Report HASL-233
July, 1970

Paper Number : 93-102, EML Number : 236E
de F. Burke, G. and H. L. Beck
"Dosimetry Study of Thermally Stimulated
Exoelectron Emission (TSEE) with Lithium
Fluoride"
USAEC Report HASL-236
August, 1970

Paper Number : 93-100, EML Number : 234E
Raft, F. D., W. H. Lowder and H. L. Beck
"Measurement of Cosmic-Ray Ionization in the
Atmosphere, 1968-70"
USAEC Report HASL-234
August, 1970

Paper Number : 93-101, EML Number : 235E
Krey, P. W. and E. P. Hardy
"Plutonium in Soil Around the Rocky Flats Plant"
USAEC Report HASL-235
August, 1970

Paper Number : 93-103, EML Number : 237E
"Fallout Program Quarterly Summary Report (with
Appendix)"
E. P. Hardy (Editor)
USAEC Report HASL-237
October, 1970

5003003

EML PUBLICATIONS
By Publication Date
1/01/50 - 12/31/70

2/23/94

Paper Number : 93-104, EML Number : 238E
Tan, C. W.
"Mass Transfer of Aerosols with Axial Diffusion
 in Circular Tubes"
USAEC Report HASL-238
 October, 1970

5003004

EML PUBLICATIONS
By Publication Date
1/01/91 - 2/23/94

2/23/94

Paper Number : 91-001, EML Number : 535E
Sanderson, C. G. and S. C. Scarpitta
"Semi-Annual Report of the Department of Energy,
Deputy Assistant Secretary for Environment,
Quality Assessment Program"
USDOE Report EML-535
January, 1991

Paper Number : 90-007, EML Number : 532E
Latner, H. and R. J. Lagomarsino
"Improved Gas Chromatographic Electron-Capture
Analysis Using a Pulse Frequency Method"
USDOE Report EML-532
February, 1991

Paper Number : 90-002, EML Number : 523E
Lagomarsino, R. J., T. J. Weber and H. Latner
"The Across North America Tracer Experiment,
Volume IV: Quality Assurance of Ground-level
Samplers and Quality Assessment of EML Analysis
of Surface Samples"
USDOE Report EML-523
February, 1991

Paper Number : 86-059, EML Number : 537E
"Annual Report - Calendar Year 1989"
G. de Planque, H. A. Chieco (Editors)
USDOE Report EML-537
March, 1991

Paper Number : 90-010, EML Number : 536E
George, A. C.
"Intercomparison Intercalibration of Active and
Passive Radon Detectors in North America"
USDOE Report EML-536
April, 1991

Paper Number : 90-008, EML Number : 533E
Monetti, H. A. and R. J. Larsen
"Worldwide Deposition of Sr-90 Through 1986"
USDOE Report EML-533
April, 1991

EML PUBLICATIONS
By Publication Date
1/01/91 - 2/23/94

2/23/94

Paper Number : 90-009, EML Number : 534E
Polito, H. D.
"The Programmable Clever Counter, TL-16"
USDOE Report EML-534
April, 1991

Paper Number : 91-015, EML Number : 539E
Sanderson, C. G. and S. C. Scarpitta
"Semi-Annual Report of the Department of Energy,
Deputy Assistant Secretary for Environment,
Quality Assessment Program"
USDOE Report EML-539
July, 1991

Paper Number : 91-026, EML Number : 541E
Larsen, R. J. and C. G. Sanderson
"EML Surface Air Sampling Program, 1989 Data"
USDOE Report EML-541
August, 1991

Paper Number : 91-043, EML Number : 542E
"Annual Report - Calendar Year 1990"
W. A. Chieco (Editor)
USDOE Report EML-542
November, 1991

Paper Number : 92-059, EML Number : 538ED
Beck, H. L.
"Radon-222 Measurements"
in: EML Regional Baseline Station at Chester, NJ -
1987-90
USDOE Report EML-538
December, 1991

Paper Number : 92-057, EML Number : 538EB
Feely, H. W.
"Measurements of the Chemical Composition of
Precipitation at Chester, NJ"
in: EML Regional Baseline Station at Chester, NJ -
1987-90
USDOE Report EML-538
December, 1991

5003006

EML PUBLICATIONS
By Publication Date
1/01/91 - 2/23/94

2/23/94

Paper Number : 92-058, EML Number : 538EC
Shebell, P., K. M. Miller, G. Klemic, J. L. Kuiper
and M. L. Maiello
"Environmental Radiation Monitoring"
in: EML Regional Baseline Station at Chester, NJ -
1987-90
USDOE Report EML-538
December, 1991

Paper Number : 92-060, EML Number : 538EE
Leifer, R., R. Stocco and J. L. Doute
"Meteorological Data"
in: EML Regional Baseline Station at Chester, NJ -
1987-90
USDOE Report-538
December, 1991

Paper Number : 92-061, EML Number : 538EF
Lagomarsino, R. J. and T. J. Weber
"Across North America Tracer Experiment (ANATEX)
Studies"
in: EML Regional Baseline Station at Chester, NJ -
1987-90
USDOE Report EML-538
December, 1991

Paper Number : 92-056, EML Number : 538EA
Larsen, R. J. and C. G. Sanderson
"Radioactivity in the Surface Air at Chester, NJ"
in: EML Regional Baseline Station at Chester, NJ -
1987-90
USDOE Report EML-538
December, 1991

Paper Number : 91-141, EML Number : 543E
Sanderson, C. G. and S. C. Scarpitta
"Semi-Annual Report of the Department of Energy
Quality Assessment Program"
USDOE Report EML-543
January, 1992

Paper Number : 91-048, EML Number : 544E
Beck, H. L.
"Results of Reanalyses for Cesium-137, Strontium-90
and Plutonium of Continental U.S.A. Soil
Samples Collected in the 1950s"
USDOE Report EML-554
February, 1992

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EML PUBLICATIONS
By Publication Date
1/01/91 - 2/23/94

2/23/94

Paper Number : 90-001, EML Number : 300E
"EML Procedures Manual"
H. A. Chieco, D. C. Bogen, E. O. Knutson (Editors)
USDOE Report HASL-300
February, 1992

Paper Number : 92-070, EML Number : 545E
"Annual Report - Calendar Year 1991"
H. A. Chieco (Editor)
USDOE Report EML-545
April, 1992

Paper Number : 92-081, EML Number : 547E
Miller, K. H.
"External Radiation Doses in a Household from a
Patient Receiving a Therapeutic Amount of
Iodine-131"
USDOE Report EML-547
June, 1992

Paper Number : 92-078, EML Number : 546E
Sanderson, C. G. and S. C. Scarpitta
"Semi-Annual Report of the Department of Energy,
Office of Environmental Restoration and Waste
Management, Quality Assessment Program"
U.S. Department of Energy Report EML-546
July, 1992

Paper Number : 92-084, EML Number : 548E
Feely, H. W., C. V. Gogolak and S. Domotor
"A Review of Tritium Monitoring Capabilities for
Application in Effluent Monitoring, Process
Control Monitoring and Environmental
Surveillance for the New Production Reactors
Program"
USDOE Report EML-548
August, 1992

Paper Number : 92-126, EML Number : 550E
Fisenne, I. H., A. C. George, F. M. Ferry and
H. W. Keller
"The April 1990 through November 1991 Radon
Intercomparisons at EML"
USDOE Report EML-552
December, 1992

5003008

EML PUBLICATIONS
By Publication Date
1/01/91 - 2/23/94

2/23/94

Paper Number : 92-083, EML Number : 549E
Leifer, R. L.
"Project AIRSTREAM: Trace Gas Final Project"
USDOE Report EML-549
December, 1992

Paper Number : 92-087, EML Number : 552E
Stevenson, K. A. and E. F. Hardy
"Actinide Aerosol Releases from the Nuclear Fuel
Cycle Interactions in the Environment"
USDOE Report EML-552
January, 1993

Paper Number : 92-125, EML Number : 551E
Sanderson, C. G. and C. S. Klusek
"Semi-Annual Report of the Department of Energy
Office of Environmental Restoration and Waste
Management, Quality Assessment Program"
USDOE Report EML-551
January, 1993

Paper Number : 93-261, EML Number : 553E
"Annual Report - Calendar Year 1992"
H. A. Chieco (Editor)
USDOE Report EML-553
April, 1993

Paper Number : 93-242, EML Number : 554E
George, A. C. and K. W. Tu
"Intercomparison and Intercalibration of Passive/
Active Radon and Active Radon Progeny Instruments
and Methods in North America"
USDOE Report EML-554
June, 1993

Paper Number : 93-276, EML Number : 556E
Sanderson, C. G. and C. S. Klusek
"Semi-Annual Report of the Department of Energy,
Office of Environmental Restoration and Waste
Management, Quality Assessment Program"
USDOE Report EML-556
July, 1993

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EML PUBLICATIONS
By Publication Date
1/01/91 - 2/23/94

2/23/94

Paper Number : 93-260, EML Number : 555E
Fisenne, I. H., A. C. George, P. M. Perry and
H. W. Keller

"The April 1992 and November 1992 Radon Inter-
comparisons at EML"

USDOE Report EML-555

July, 1993

Paper Number : 93-598, EML Number : 557E
Miller, K. H. and P. Shebell

"In Situ Gamma-Ray Spectrometry - A Tutorial for
Environmental Radiation Scientists"

USDOE Report EML-557

October, 1993

Paper Number : 93-597, EML Number : 558E
Folito, H. and B. Albert

"A Low Power, Constant Air Flow System"

USDOE Report EML-558

January, 1994

Paper Number : 93-884, EML Number : 559E
Sanderson, C. G. and C. S. Klusek

"Semi-Annual Report of the Department of Energy,
Office of Environmental Restoration and Waste
Management, Quality Assessment Program"

USDOE Report EML-559

January, 1994

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1/01/71 - 12/31/90

2/23/94

Paper Number : 93-105, EML Number : 239E
"Fallout Program Summary Quarterly Report"
E. P. Hardy (Editor)
USAEC Report HASL-239
January, 1971

Paper Number : 93-107, EML Number : 240E
O'Brien, K.
"Neutron Spectra in the Side-Shielding of a Large
Particle Accelerator"
USAEC Report HASL-240
January, 1971

Paper Number : 93-108, EML Number : 241E
Hajnal, F., J. E. McLaughlin, M. Weinstein and
E. O'Brien
"1970 Sea-Level Cosmic-Ray Neutron Measurements"
USAEC Report HASL-241
February, 1971

Paper Number : 93-109, EML Number : 242E
"Fallout Program Summary Quarterly Report"
E. P. Hardy (Editor)
USAEC Report HASL-242
April, 1971

Paper Number : 93-110, EML Number : 243E
"Fallout Program Summary Quarterly Report"
E. P. Hardy (Editor)
USAEC Report HASL-243
July, 1971

Paper Number : 93-111, EML Number : 244E
Sanna, R. S.
"A User's Guide to SWIFT, a Monte Carlo Technique
for Unfolding Neutron Spectra"
USAEC Report HASL-244
July, 1971

Paper Number : 93-112, EML Number : 245E
"Fallout Program Summary Quarterly Report (with
Appendix)"
E. P. Hardy (Editor)
USAEC Report HASL-245
October, 1971

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EML PUBLICATIONS
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1/01/71 - 12/31/90

2/23/94

Paper Number : 93-114, EML Number : 247E
Sanna, R. S. and K. O'Brien
"Nuclear Emulsion Measurements of the Secondary
 Neutron Spectrum per Steradian from the
 Spallation of Carbon"
USAEC Report HASL-247
December, 1971

Paper Number : 93-113, EML Number : 246E
"Fallout Program Summary Quarterly Report (with
 Appendix)"
E. F. Hardy (Editor)
USAEC Report HASL-246
January, 1972

Paper Number : 93-115, EML Number : 248E
O'Brien, K.
"Cosmic Radiation in the Atmosphere, 1969-1970"
USAEC Report HASL-248
January, 1972

Paper Number : 93-118, EML Number : 251E
Shambon, A.
"Some Implications of a Laboratory Study of LiF
 Dosimeters for Environmental Radiation
 Measurements"
USAEC Report HASL-251
March, 1972

Paper Number : 93-117, EML Number : 250E
Hardy, E. P., P. W. Krey and H. L. Volchok
"Global Inventory and Distribution of Pu-238
 from Snap-9A"
USAEC Report HASL-250
March, 1972

Paper Number : 93-116, EML Number : 249E
"Fallout Program Summary Quarterly Report"
E. F. Hardy (Editor)
USAEC Report HASL-249
April, 1972

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By Publication Date
1/01/71 - 12/31/90

2/23/94

Paper Number : 93-120, EML Number : 253E
Bennett, B. G.
"The Radiation Dose Due to Acute Intake of Tritium
by Man"
USAEC Report HASL-253
April, 1972

Paper Number : 93-119, EML Number : 252E
de P. Burke, G.
"Investigation of a CaF₂: Mn Thermoluminescent
Dosimetry System for Environmental Monitoring"
USAEC Report HASL-252
April, 1972

Paper Number : 93-122, EML Number : 256E
Thomas, J. W.
"Measurement of Radon Daughters in Air by Counting
of Air Filters"
USAEC Report HASL-256
April, 1972

Paper Number : 93-121, EML Number : 254E
Lowder, W. M. and K. O'Brien
"Cosmic-Ray Dose Rates in the Atmosphere"
USAEC Report HASL-254
April, 1972

Paper Number : 93-123, EML Number : 257E
"Fallout Program Quarterly Summary Report"
E. P. Hardy (Editor)
USAEC Report HASL-257
July, 1972

Paper Number : 93-136, EML Number : 269E
"Workshop on Natural Radiation Environment
(March 1972)"
J. E. MaLaughlin (Editor)
USAEC Report HASL-269
August, 1972

Paper Number : 93-131, EML Number : 264E
Shannon, A. and O. White
"Evaluation of a Thin LiF Thermoluminescent
Dosimeter for Radon Daughter Personnel
Monitoring"
USAEC Report HASL-264
August, 1972

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EML PUBLICATIONS
By Publication Date
1/01/71 - 12/31/90

2/23/94

- Paper Number : 93-128, EML Number : 261E
O'Brien, K.
"A Semi-Empirical Model of Inclusive Nucleon and
Pion Production from Proton-Nucleus Collisions"
USAEC Report HASL-261
August, 1972
- Paper Number : 93-130, EML Number : 263E
O'Brien, K. and G. de P. Burke
"Tables of Type NM-64 Cosmic-Ray Neutron Monitor
Counting Rates as a Function of the Solar
Modulation of Galactic Cosmic Rays Expressed in
Terms of the Ehmert Potential"
USAEC Report HASL-263
August, 1972
- Paper Number : 93-124, EML Number : 258E
Beck, H. L., J. A. DeCampo and C. V. Gogolak
"In Situ Ge(Li) and NaI(Tl) Gamma-Ray Spectrometry"
USAEC Report HASL-258
September, 1972
- Paper Number : 93-125, EML Number : 259E
"Fallout Program Quarterly Summary Report (with
Appendix)"
E. F. Hardy (Editor)
USAEC Report HASL-259
October, 1972
- Paper Number : 93-132, EML Number : 265E
de P. Burke, G. and A. Shambon
"Investigation of Thermoluminescent Dosimeters
for Environmental Monitoring"
USAEC Report HASL-265
October, 1972
- Paper Number : 93-129, EML Number : 262E
Beck, H. L.
"The Absolute Intensities of Gamma Rays from the
Decay of ^{238}U and ^{232}Th "
USAEC Report HASL-262
October, 1972

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EML PUBLICATIONS
By Publication Date
1/01/71 - 12/31/90

2/23/94

Paper Number : 93-133, EML Number : 266E
Volchok, H. L.
"Index to Fallout Program Quarterly Summary Reports"
USAEC Report HASL-266
October, 1972

Paper Number : 93-137, EML Number : 270E
Shambon, A.
"Evaluation of CaSO_4 : Dy and CaSO_4 : Tm TLD for
Measurement of Small Gamma-Ray Exposures"
USAEC Report HASL-270
December, 1972

Paper Number : 93-126, EML Number : 260E
DeCampo, J. A., H. L. Beck and P. D. Raft
"High Pressure Argon Ionization Chamber System for
the Measurement of Environmental Radiation
Exposure Rates"
USAEC Report HASL-260
December, 1972

Paper Number : 93-135, EML Number : 268E
"Fallout Program Summary Quarterly Report"
E. F. Hardy (Editor)
USAEC Report HASL-268
January, 1973

Paper Number : 93-138, EML Number : 271E
Lowder, W. M., P. D. Raft and C. V. Gogolak
"Environmental Gamma Radiation from Nitrogen-16
Decay in the Turbines of a Large Boiling Water
Reactor"
USAEC Report HASL-271
January, 1973

Paper Number : 93-139, EML Number : 272E
deP. Burke, G., B. G. Bennett and H. L. Beck
"Transmission of Gamma Rays Through Aluminum and
Laminated Lead-Aluminum Slabs"
USAEC Report HASL-272
March, 1973

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Paper Number : 93-134, EML Number : 267E
Sanna, R. S.
"Thirty One Group Response Matrices for the
 Multisphere Neutron Spectrometer Over the Energy
 Range Thermal to 400 MeV"
USAEC Report HASL-267
 March, 1973

Paper Number : 93-140, EML Number : 273E
"Fallout Program Quarterly Summary Report"
E. P. Hardy (Editor)
USAEC Report HASL-273
 April, 1973

Paper Number : 93-142, EML Number : 275E
O'Brien, K.
"LUIII, A Code for the Calculation of Cosmic Ray
 Propagation in the Atmosphere"
USAEC Report HASL-275
 May, 1973

Paper Number : 93-141, EML Number : 274E
"Fallout Program Quarterly Summary Report"
E. P. Hardy (Editor)
USAEC Report HASL-274
 July, 1973

Paper Number : 93-144, EML Number : 277E
Gogolak, C. V.
"Comparison of Measured and Calculated Radiation
 Exposure from a Boiling Water Reactor Plume"
USAEC Report HASL-277
 September, 1973

Paper Number : 93-143, EML Number : 276E
"Fallout Program Quarterly Summary Report (with
 Appendix)"
E. P. Hardy (Editor)
USAEC Report HASL-276
 October, 1973

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Paper Number : 93-145, EML Number : 278E
"Fallout Program Quarterly Summary Report"
E. F. Hardy (Editor)
USAEC Report HASL-278
January, 1974

Paper Number : 93-146, EML Number : 279E
Shambon, A.
"Narrow Energy Band Filters for a 250 kV Constant
Potential X-Ray Machine"
USAEC Report HASL-279
January, 1974

Paper Number : 93-147, EML Number : 280E
Thomas, J. W.
"Evaluation of Activated Carbon Canisters for Radon
Protection in Uranium Mines"
USAEC Report HASL-280
January, 1974

Paper Number : 93-148, EML Number : 281E
"Fallout Program Quarterly Summary Report"
E. F. Hardy (Editor)
USAEC Report HASL-281
April, 1974

Paper Number : 93-149, EML Number : 282E
de P. Burke, G. and D. G. Marcin
"Computer Program for Calculating Various
Parameters Related to Soil - Water Balance"
USAEC Report HASL-282
April, 1974

Paper Number : 93-151, EML Number : 283E
dePlanque Burke, G. and K. O'Brien
"Operating Manual for GPANIA, a Code for the
Analysis of Climatic Effects on Natural
Environmental Gamma-Ray Exposure Rates"
USAEC Report HASL-283
April, 1974

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Paper Number : 93-153, EML Number : 285E
Shambon, A.
"CaSO₄: Dy TLD for Low Level Personnel
Monitoring"
USAEC Report HASL-285
June, 1974

Paper Number : 93-152, EML Number : 284E
"Fallout Program Quarterly Summary Report"
E. F. Hardy (Editor)
USAEC Report HASL-284
July, 1974

Paper Number : 93-155, EML Number : 287E
"Second Workshop on the Natural Radiation
Environment (February 1974)"
W. H. Lowder (Editor)
USAEC Report HASL-287
September, 1974

Paper Number : 93-154, EML Number : 286E
"Fallout Program Quarterly Summary Report (with
Appendix)"
E. F. Hardy (Editor)
USAEC Report HASL-286
October, 1974

Paper Number : 93-156, EML Number : 288E
"Fallout Program Quarterly Summary Report"
E. P. Hardy (Editor)
USAEC Report HASL-288
January, 1975

Paper Number : 93-157, EML Number : 289E
de Flanque Burke, G.
"Variations in Natural Environmental Gamma
Radiation and Its Effect on the Interpretability
of TLD Measurements Made Near Nuclear Facilities"
USERDA Report HASL-289
February, 1975

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By Publication Date
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Paper Number : 93-158, EML Number : 290E
Miller, K., C. Gogolak and P. Raft
"Final Report on Continuous Monitoring with High
 Pressure Argon Ionization Chambers Near the
 Millstone Point Boiling Water Power Reactor"
USERDA Report HASL-290
February, 1975

Paper Number : 93-159, EML Number : 291E
"Environmental Quarterly"
E. P. Hardy (Editor)
USERDA Report HASL-291
April, 1975

Paper Number : 93-160, EML Number : 292E
Volchok, H. L.
"Index to Fallout Program Quarterly Summary Reports"
USERDA Report HASL-292
April, 1975

Paper Number : 93-161, EML Number : 293E
Sanna, R. S.
"Total Neutron Cross Sections from 15 MeV to 25.5
 GeV for Isotopes with Mass Numbers, $12 < \text{or} = A$
 $< \text{or} = 64$ "
USERDA Report HASL-293
April, 1975

Paper Number : 93-163, EML Number : 295E
Sutton, D. C.
"Measurement of the Normal Levels of Cadmium,
 Copper, Lead, Manganese, and Zinc in Selected
 Biological Materials"
USERDA Report HASL-295
May, 1975

Paper Number : 93-162, EML Number : 294E
"Environmental Quarterly"
E. P. Hardy (Editor)
USERDA Report HASL-294
July, 1975

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By Publication Date
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Paper Number : 93-164, EML Number : 296E
Gogolak, C. V.
"A Data Set for Noble Gas Plume Exposure Model
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USERDA Report HASL-296
July, 1975

Paper Number : 93-165, EML Number : 297E
"Environmental Quarterly (with Appendix)"
E. F. Hardy (Editor)
USERDA Report HASL-297
October, 1975

Paper Number : 93-167, EML Number : 299E
Bogen, D. C., G. A. Welford and R. Morse
"General Population Exposure of Stable Lead and
210Pb to Residents of New York City"
USERDA Report HASL-299
December, 1975

Paper Number : 93-166, EML Number : 298E
"Environmental Quarterly (with Appendix)"
E. F. Hardy (Editor)
USERDA Report HASL-298
January, 1976

Paper Number : 93-168, EML Number : 301E
Robinson, M.
"Effects of the Corona Discharge on Electric-Wind
Convection and Eddy Diffusion in an
Electrostatic Precipitator"
USERDA Report HASL-301
February, 1976

Paper Number : 93-170, EML Number : 303E
O'Brien, K.
"The Application of the Donor-Acceptor Model of
Thermoluminescence to Thermoluminescence
Dosimeters"
USERDA Report HASL-303
March, 1976

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Paper Number : 93-171, EML Number : 304E
Krey, P. W., E. P. Hardy, H. L. Volchok, L. Toonkel,
R. H. Knuth, M. Coppes and T. Tamura
"Plutonium and Americium Contamination in Rocky
Flats Soil - 1973"
USERDA Report HASL-304
March, 1976

Paper Number : 93-169, EML Number : 302E
"Environmental Quarterly (with Appendix)"
E. P. Hardy (Editor)
USERDA Report HASL-302
April, 1976

Paper Number : 93-172, EML Number : 305E
Lowder, W. M., F. Raft and G. de Planque Burke
"Determination of Nitrogen-16 Gamma Radiation
Fields at BWR Nuclear Power Stations"
USERDA Report HASL-305
May, 1976

Paper Number : 93-174, EML Number : 307E
Sutton, D. C., G. Calderon and W. Rosa
"Determination of Environmental Levels of
Plutonium-239,240, Americium-241, Cesium-137,
and Strontium-90 in Large Volume Sea Water"
USERDA Report HASL-307
June, 1976

Paper Number : 93-173, EML Number : 306E
"Environmental Quarterly"
E. P. Hardy (Editor)
USERDA Report HASL-306
July, 1976

Paper Number : 93-176, EML Number : 309E
Beck, H. L.
"Energy Spectra from Coupled Electron-Photon
Slowing Down"
USERDA Report HASL-309
August, 1976

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Paper Number : 93-175, EML Number : 308E
"Environmental Quarterly (with Appendix)"
E. P. Hardy (Editor)
USERDA Report HASL-308
October, 1976

Paper Number : 93-181, EML Number : 314E
"HASL Measurements of Fallout Following the
September 26, 1976 Chinese Nuclear Test"
USERDA Report HASL-314
October, 1976

Paper Number : 93-179, EML Number : 312E
Breslin, A. J.
"Guidance for Air Sampling at Nuclear Facilities"
USERDA Report HASL-312
October, 1976

Paper Number : 93-177, EML Number : 310E
Evans, C. and B. G. Bennett
"The Transfer of Cesium-137 through the Food Chain
to Man"
USERDA Report HASL-310
October, 1976

Paper Number : 93-178, EML Number : 311E
Sanna, R. S.
"Modification of an Iterative Code for Unfolding
Neutron Spectra from Multisphere Data"
USERDA Report HASL-311
October, 1976

Paper Number : 93-183, EML Number : 316E
Bogen, D. C. and J. Feldstein
"An Improved Tritium Acid Electrolysis Enrichment
System"
USERDA Report HASL-316
November, 1976

Paper Number : 93-182, EML Number : 315E
"Environmental Quarterly (with Appendix)"
E. P. Hardy (Editor)
USERDA Report HASL-315
January, 1977

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Paper Number : 93-184, EML Number : 317E
"Quarterly Report of the ERDA, Div. of Safety,
Standards, and Compliance - Quality Assurance
Program"

USERDA Report HASL-317
February, 1977

Paper Number : 93-185, EML Number : 318E
"Environmental Quarterly (with Appendix)"
E. P. Hardy (Editor)

USERDA Report HASL-318
April, 1977

Paper Number : 93-186, EML Number : 319E
"Quarterly Report of the ERDA, Div. of Safety,
Standards, and Compliance - Quality
Assurance Program"

USERDA Report HASL-319
May, 1977

Paper Number : 93-189, EML Number : 322E
Welford, G. A. and J. H. Harley
"HASL Participation in IAEA Intercomparisons"

USERDA Report HASL-322
June, 1977

Paper Number : 93-187, EML Number : 320E
Heit, M.

"A Review of Current Information on Some
Ecological and Health Related Aspects of the
Release of Trace Metals into the Environment
Associated with the Combustion of Coal"

USERDA Report HASL-320
June, 1977

Paper Number : 93-192, EML Number : 325E
"Radon Workshop - February 1977"

A. J. Breslin (Editor)
USERDA Report HASL-325

July, 1977

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By Publication Date
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Paper Number : 93-193, EML Number : 326E
George, A. C., L. Hinchliffe and R. Sladowski
"Size Distribution of Radon Daughter Particles in
Uranium Mine Atmospheres"
USERDA Report HASL-326
July, 1977

Paper Number : 93-188, EML Number : 321E
"Environmental Quarterly (with Appendix)"
E. F. Hardy (Editor)
USERDA Report HASL-321
July, 1977

Paper Number : 93-194, EML Number : 327E
Thomas, J. W.
"A System for Continuous Radon Determination"
USERDA Report HASL-327
July, 1977

Paper Number : 93-191, EML Number : 324E
Lowder, W. H., H. L. Beck and F. D. Raft
"Measurements of Cosmic-Ray Charged Particle
Ionization and Flux Densities in the
Atmosphere"
USERDA Report HASL-324
July, 1977

Paper Number : 93-190, EML Number : 323E
"Quarterly Report of the ERDA, Div. of Safety,
Standards, and Compliance - Quality
Assurance Program"
USERDA Report HASL-323
August, 1977

Paper Number : 93-197, EML Number : 330E
Countess, R. J. and J. W. Thomas
"Radon Flask Monitor"
USERDA Report HASL-330
August, 1977

Paper Number : 93-180, EML Number : 313E
Lowder, W. H. and G. de Flanque
"The Response of LiF Thermoluminescence Dosimeters
to Natural Environmental Radiation"
USERDA Report HASL-313
August, 1977

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Paper Number : 93-196, EML Number : 329E
"Summary of Monthly Sr-90 Fallout Data: 1954-1976"
USERDA Report HASL-329
October, 1977

Paper Number : 93-195, EML Number : 328E
"Environmental Quarterly (with Appendix)"
E. F. Hardy (Editor)
USERDA Report HASL-328
October, 1977

Paper Number : 93-198, EML Number : 331E
"Quarterly Report of the Department of Energy,
Division of Operational and Environmental
Safety - Quality Assurance Program"
USDOE Report EML-331
November, 1977

Paper Number : 93-200, EML Number : 333E
Breslin, A. J., S. F. Guggenheim, A. C. George and
R. T. Graveson
"A Working Level Dosimeter for Uranium Miners"
USDOE Report EML-333
December, 1977

Paper Number : 93-199, EML Number : 332E
Gogolak, C. V. and K. M. Miller
"New Developments in Field Gamma-Ray Spectrometry"
USDOE Report EML-332
December, 1977

Paper Number : 93-202, EML Number : 335E
O'Brien, K.
"The Use of the Wolf Number to Estimate Solar
Modulation"
USDOE Report EML-335
December, 1977

Paper Number : 93-201, EML Number : 334E
"Environmental Quarterly (with Appendix)"
E. F. Hardy (Editor)
USDOE Report EML-334
January, 1978

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Paper Number : 93-203, EML Number : 336E
Welford, G. A., I. M. Fisenne and C. G. Sanderson
"Summary Report of the Department of Energy,
Div. of Operational and Environmental Safety -
Quality Assurance Programs 1-4"
USDOE Report EML-336
January, 1978

Paper Number : 93-204, EML Number : 337E
"Quarterly Report of the Department of Energy,
Division of Operational and Environmental
Safety - Quality Assurance Program"
USDOE Report EML-337
February, 1978

Paper Number : 93-205, EML Number : 338E
O'Brien, K.
"LUIII, A Code for the Calculation of Cosmic Ray
Propagation in the Atmosphere (Update of
HASL-275)"
USDOE Report EML-338
February, 1978

Paper Number : 93-206, EML Number : 339E
"Environmental Quarterly (with Appendix)"
E. P. Hardy (Editor)
USDOE Report EML-339
April, 1978

Paper Number : 93-207, EML Number : 340E
"Quarterly Report of the Department of Energy,
Division of Operational and Environmental
Safety - Quality Assurance Program"
USDOE Report EML-340
May, 1978

Paper Number : 93-208, EML Number : 341E
Bogen, D. C., S. J. Nagourney and G. A. Welford
"HAF3S Precipitation Chemistry Intercomparison
Study"
USDOE Report EML-341
May, 1978

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EML PUBLICATIONS
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1/01/71 - 12/31/90

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Paper Number : 93-209, EML Number : 342E
"Environmental Quarterly"
E. F. Hardy (Editor)
USDOE Report EML-342
July, 1978

Paper Number : 93-210, EML Number : 343E
"Quarterly Report of the Department of Energy,
Division of Operational and Environmental
Safety - Quality Assurance Program"
USDOE Report EML-343
August, 1978

Paper Number : 93-214, EML Number : 347E
"Regional Baseline Station Chester, New Jersey"
USDOE Report EML-347
October, 1978

Paper Number : 93-211, EML Number : 344E
"Environmental Quarterly (with Appendix)"
E. F. Hardy (Editor)
USDOE Report EML-344
October, 1978

Paper Number : 93-212, EML Number : 345E
"Index to Fallout Program Quarterly Summary Reports"
L. E. Toonkel (Editor)
USDOE Report EML-345
October, 1978

Paper Number : 93-213, EML Number : 346E
"Quarterly Report of the Department of Energy,
Division of Operational and Environmental
Compliance - Quality Assessment Program"
USDOE Report EML-346
November, 1978

Paper Number : 93-215, EML Number : 348E
Bennett, B. G.
"Environmental Aspects of Americium"
USDOE Report EML-348
December, 1978

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EML PUBLICATIONS
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Paper Number : 93-216, EML Number : 349E
"Environmental Quarterly (with Appendix)"
E. P. Hardy (Editor)
USDOE Report EML-349
January, 1979

Paper Number : 93-222, EML Number : 355E
de Planque, G.
"Evaluation of Methods for the Determination of
X- and Gamma-Ray Exposure Attributable to a
Nuclear Facility Using Environmental TLD
Measurements"
USDOE Report HASL-355
January, 1979

Paper Number : 93-219, EML Number : 352E
Klusek, C. S.
"Trace Element Analyses of Metabolic Samples"
USDOE Report EML-352
February, 1979

Paper Number : 93-217, EML Number : 350E
"Quarterly Report of the Department of Energy,
Division of Operational and Environmental
Safety - Quality Assessment Program"
USDOE Report EML-350
February, 1979

Paper Number : 93-218, EML Number : 351E
Weiford, G. A., I. M. Fisenne and C. G. Sanderson
"Summary Report of the Department of Energy,
Division of Operational and Environmental
Safety - Quality Assurance Programs 5-8"
USDOE Report EML-351
February, 1979

Paper Number : 93-220, EML Number : 353E
"Environmental Quarterly (with Appendix)"
E. P. Hardy (Editor)
USDOE Report EML-353
April, 1979

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Paper Number : 93-221, EML Number : 354E
"Quarterly Report of the Department of Energy,
Operational and Environmental Safety Division -
Quality Assessment Program"
USDOE Report EML-354
May, 1979

Paper Number : 93-224, EML Number : 357E
Miller, K. M., C. V. Gogolak, M. C. Boyle and
J. F. Gulbin
"Radiation Measurements Following the Three Mile
Island Reactor Accident"
USDOE Report EML-357
May, 1979

Paper Number : 93-226, EML Number : 359E
"Air Sampling Workshop"
H. Schulte (Editor)
USDOE Report EML-359
June, 1979

Paper Number : 93-223, EML Number : 356E
"Environmental Quarterly (with Appendix)"
E. F. Hardy (Editor)
USDOE Report EML-356
July, 1979

Paper Number : 93-227, EML Number : 360E
Knuth, R. H.
"Calibration of a Modified Sierra Model 235 Slotted
Cascade Impactor"
USDOE Report EML-360
July, 1979

Paper Number : 93-225, EML Number : 358E
"Quarterly Report of the Department of Energy,
Operational and Environmental Safety Division -
Quality Assessment Program"
USDOE Report EML-358
August, 1979

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Paper Number : 93-228, EML Number : 361E
Bogen, D. C., S. J. Nagourney and C. Torquato
"Measurement of Total, Wet, and Dry Deposition
at American Samoa"
USDOE Report EML-361
August, 1979

Paper Number : 93-229, EML Number : 362E
Beck, H. L.
"The Natural Radiation Background of Utah -
Preliminary Report on Radionuclides in Soils in
Populated Areas"
USDOE Report EML-362
August, 1979

Paper Number : 93-234, EML Number : 367E
"Regional Baseline Station - Chester, New Jersey"
USDOE Report EML-367
October, 1979

Paper Number : 93-230, EML Number : 363E
"Environmental Quarterly (with Appendix)"
E. F. Hardy (Editor)
USDOE Report EML-363
October, 1979

Paper Number : 93-233, EML Number : 366E
Volchok, H. L. and M. S. Feiner
"A Radioanalytical Laboratory Intercomparison
Exercise"
USDOE Report EML-366
October, 1979

Paper Number : 93-231, EML Number : 364E
"Quarterly Report of the Department of Energy,
Operational and Environmental Safety Division -
Quality Assessment Program"
USDOE Report EML-364
November, 1979

Paper Number : 93-232, EML Number : 365E
Sinclair, D.
"Submicron Aerosols - A Review"
USDOE Report EML-365
November, 1979

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Paper Number : 91-096, EML Number : 370EC
White, C.
"Atmospheric Carbon Dioxide Analysis"
in: USDOE Report EML-370, Environmental Quarterly
pp. 30-34, January, 1980

Paper Number : 92-040, EML Number : 370E
"Environmental Quarterly (with Appendix)"
E. F. Hardy (Editor)
USDOE Report EML-370
January, 1980

Paper Number : 91-088, EML Number : 370EB
Toonkel, L. E. and H. W. Feely
"EML Surface Air Sampling Program: The Quality of
Analysis - 1978"
in: USDOE Report EML-370, Environmental Quarterly
pp. 3-29, January, 1980

Paper Number : 91-062, EML Number : 370EA
Leifer, R., L. E. Toonkel and R. J. Larsen
"High Altitude Balloon Sampling Program"
in: USDOE Report EML-370, Environmental Quarterly
pp. 4-24, January, 1980

Paper Number : 93-235, EML Number : 368E
"Quarterly Report of the Department of Energy,
Operational and Environmental Safety Division -
Quality Assessment Program"
USDOE Report EML-368
February, 1980

Paper Number : 93-236, EML Number : 369E
Welford, G. A., I. M. Fisenne and C. G. Sanderson
"Summary Report of the Department of Energy,
Operational and Environmental Safety Division -
Quality Assurance Programs 9-12"
USDOE Report EML-369
February, 1980

Paper Number : 80-043, EML Number : 372E
Krey, F. W., E. F. Hardy and H. Heit
"Nevada Test Site Fallout in the Area of
Enterprise, Utah"
USDOE Report EML-372
April, 1980

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Paper Number : 93-237, EML Number : 371E
"Environmental Quarterly (with Appendix)"
E. F. Hardy (Editor)
USDOE Report EML-371
April, 1980

Paper Number : 91-118, EML Number : 371EA
Fisenne, I. M., P. M. Perry and G. A. Welford
"Wet and Dry Deposition of Ra-226, Pb-210, and
Stable Lead in an Urban Environment"
in: USDOE Report EML-371, Environmental Report
pp. 51-58, April, 1980

Paper Number : 91-123, EML Number : 371EB
Heit, M., C. S. Klusek and H. L. Volchok
"The Concentrations of Eighteen Trace Elements in a
Dated Sediment Core from Standley Lake, CO"
in: USDOE Report EML-371, Environmental Quarterly
pp. 59-89, April, 1980

Paper Number : 91-063, EML Number : 371EC
Leifer, P., L. E. Toonkel and R. J. Larsen
"Project Airstream, Radioactivity in the Lower
Stratospheric"
in: USDOE Report EML-371, Environmental Quarterly
pp. 4-60, April, 1980

Paper Number : 80-046, EML Number : 375E
Beck, H. L. and P. W. Krey
"Cesium-137 Inventories in Undisturbed Utah Soils -
Interim Report on Radionuclides in Soils of
Populated Areas"
USDOE Report EML-375
June, 1980

Paper Number : 80-048, EML Number : 378E
Beck, H. L.
"Exposure Rate Conversion Factors for Radionuclides
Deposited on the Ground"
USDOE Report EML-378
July, 1980

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Paper Number : 80-047, EML Number : 376E
Sanna, R. S., F. Hajnal, J. E. McLaughlin and
R. H. Ryan
"Spectrometric Measurements Within the Containments
of 8 PWRs - A Data Compilation"
USDOE Report EML-376
July, 1980

Paper Number : 80-045, EML Number : 374E
"Environmental Quarterly (with Appendix)"
E. F. Hardy (Editor)
USDOE Report EML-374
July, 1980

Paper Number : 80-044, EML Number : 373E
Gogolak, C. V., H. L. Beck and M. M. Pendergast
"Measured Hourly and Daily Average Krypton-85
Concentrations within 10 km of the Savannah
River Plant"
USDOE Report EML-373
August, 1980

Paper Number : 80-050, EML Number : 380E
Woodard, H. Q.
"Radiation Carcinogenesis in Man - A Critical
Review"
USDOE Report EML-380
August, 1980

Paper Number : 80-052, EML Number : 382E
"Quarterly Report of the Department of Energy,
Operational and Environmental Safety Division -
Quality Assessment Program"
USDOE Report EML-382
August, 1980

Paper Number : 80-049, EML Number : 379E
Sanna, R. S., F. Hajnal, J. E. McLaughlin, J. F. Gulbin
and R. H. Ryan
"Neutron Measurements Inside PWR Containments"
USDOE Report EML-379
September, 1980

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Paper Number : 91-121, EML Number : 383ED
George, A. C.
"Environmental Radon and Radon Daughters"
in: USDOE Report EML-383, Regional Baseline
Station, Chester, New Jersey
pp. 61-71, October, 1980

Paper Number : 91-098, EML Number : 383EN
White, C.
"Atmospheric Carbon Dioxide Concentrations at
Chester"
in: USDOE Report EML-383, Regional Baseline
Station, Chester, New Jersey
pp. 33-36, October, 1980

Paper Number : 91-128, EML Number : 381EF
Flusek, C. S.
"Strontium-90 in Human Bone: 1979 Results"
in: USDOE Report EML-381, Environmental Quarterly
pp. 139-152, October, 1980

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"Occupational Exposure to Radioactive Dust:
Mallinckrodt Nuclear Corporation, Hematite,
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USAEC Report HASL-83
February, 1960

Paper Number : 93-340, EML Number : 84E
Hardy, E. P. and S. Klein
"Fallout Program Quarterly Summary Report"
USAEC Report HASL-84
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Paper Number : 93-393, EML Number : 85E
"Occupational Exposure to Dust During Extrusion of
Uranium Rods: Bridgeport Brass Company, Aluminum
Division, Adrian, Michigan"
USAEC Report HASL-85
May, 1960

Paper Number : 93-392, EML Number : 86E
"Occupational Exposure to Airborne Beryllium:
Beryllium Corporation, Hazleton, Pennsylvania"
USAEC Report HASL-86
May, 1960

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"Occupational Exposure to Airborne Uranium:
Englehard Industries, Enriched Recovery Plant,
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"Status of Nuclear Safety Activities Within the
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June, 1960

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Harley, J. H. and J. Rivera
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USAEC Report HASL-90
August, 1960

Paper Number : 93-346, EML Number : 91E
"Experimental Environmental Study of AEC Leased
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Graveson, R. T.
"Analog and Digital Readout on an IBM Output Writer"
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USAEC Report HASL-96
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Uranium: Safety and Fire Protection, Nuclear
Metals, Inc., Concord, Massachusetts"
USACE Report HASL-97
September, 1960

Paper Number : 93-387, EML Number : 98E
"Occupational Exposure to Airborne Beryllium:
Brush Beryllium Company, Cleveland, Ohio"
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Paper Number : 93-279, EML Number : 99E
Harley, J. H., N. A. Harley and I. M. Fisenne
"A Study of Beta Scintillation Counting with
Plastic Phosphors"
USAEC Report HASL-99
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Paper Number : 93-350, EML Number : 100E
LeVine, H. D.
"Advanced Instrumentation for a Gamma Ray Counting
System to Measure the Radioactivity of Humans"
USAEC Report HASL-100
September, 1960

Paper Number : 93-394, EML Number : 102E
"Occupational Exposure to Airborne Contaminants:
Brush Beryllium Company, Elmore, Ohio"
USAEC Report HASL-102
October, 1960

Paper Number : 93-395, EML Number : 103E
"Occupational Exposure to Radioactive Dusts:
Nuclear Materials and Equipment Corporation,
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E. P. Hardy, J. Rivera, R. Frankel (Editors)
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January, 1961

Paper Number : 93-397, EML Number : 106E
"Occupational Exposure to Radioactive Dusts:
Nuclear Materials and Equipment Corporation,
Apollo, Pennsylvania"
USAEC Report HASL-106
January, 1961

Paper Number : 93-398, EML Number : 107E
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Extrusion of Uranium Rods: Bridgeport Brass
Company, Adrian, Michigan"
USAEC Report HASL-107
February, 1961

Paper Number : 92-091, EML Number : 108E
Shambon, A., W. M. Lowder and W. Condon
"Ionization Chambers for Environmental Radiation
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USAEC Report HASL-108
February, 1963

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Shambon, A., W. M. Lowder and L. R. Solon
"The Attenuation of Natural Environmental Radiation
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USAEC Report HASL-109
April, 1961

Paper Number : 93-281, EML Number : 110E
Graveson, R. T.
"A Transistorized Logarithmic Count Ratemeter,
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April, 1961

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May, 1961

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"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera, R. Frankel (Editors)
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July, 1961

Paper Number : 93-400, EML Number : 114E
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Materials and Equipment Corporation, Apollo,
Pennsylvania"
USAEC Report HASL-114
June, 1961

Paper Number : 93-284, EML Number : 115E
"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera, R. Frankel (Editors)
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Paper Number : 92-093, EML Number : 118E
Meth, I. M. and R. T. Graveson
"The Effect of Noise on Pulse Height Resolution"
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January, 1962

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Wilson, F. C.
"Preparation of Etched Circuits for Laboratory Use"
USAEC Report HASL-119
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Lippmann, M., L. D. Ong and W. B. Harris
"The Significance of Urine Uranium Excretion Data"
USAEC Report HASL-120
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Paper Number : 93-286, EML Number : 121E
HASL Staff,
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USAEC Report HASL-121
February, 1962



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"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera, R. Frankel (Editors)
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Paper Number : 92-096, EML Number : 124E
Lanes, S. J.
"Effective Multiplication Factors for Bare
Cylinders"
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May, 1962

Paper Number : 92-099, EML Number : 125E
Katine, E.
"The Calculation of Some Bessel Functions for
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May, 1962

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Lanes, S. J. and T. Rosenberg
"A Computer Program for Calculating Neutron
Interaction Between Cylindrical Storage
Containers"
USAEC Report HASL-126
February, 1963

Paper Number : 93-352, EML Number : 127E
"Fallout Program Quarterly Summary Report"
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"Survey of Fallout Operations"
USAEC Report HASL-128
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Paper Number : 92-101, EML Number : 129E
Shambon, A. and D. Murnick
"Filters to Provide Nearly Monoenergetic X-rays"
USAEC Report HASL-129
July, 1962

Paper Number : 92-102, EML Number : 130E
Grotch, H.
"Energy Absorption Spectrum in Air of Cosmic Ray Mu
Mesons at Sea Level"
USAEC Report HASL-130
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"Fallout Program Quarterly Summary Report"
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"Fallout Program Quarterly Summary Report"
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Paper Number : 93-003, EML Number : 133E
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"Energy Determinations in the 60-180 keV Range with
an X-Ray Machine of Varying Output"
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"Fallout Program Quarterly Summary Report"
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USAEC Report HASL-135
April, 1963

Paper Number : 93-291, EML Number : 136E
Latner, H., R. T. Graveson and M. E. Cassidy
"Variable Coincidence Unit - HASL Type TL-9"
USAEC Report HASL-136
March, 1963

Paper Number : 93-292, EML Number : 137E
Cassidy, M. E. and R. T. Graveson
"A Low Level Beta Scintillation Counter"
USAEC Report HASL-137
March, 1963

Paper Number : 93-293, EML Number : 138E
"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera, W. Collins (Editors)
USAEC Report HASL-138
July, 1963

Paper Number : 93-005, EML Number : 139E
Thomas, J. W. and G. D. Crane
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Paper with and without Pinholes"
USAEC Report HASL-139
August, 1963

Paper Number : 93-006, EML Number : 140E
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E. P. Hardy, J. Rivera, W. R. Collins (Editors)
USAEC Report HASL-140
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Paper Number : 93-007, EML Number : 141E
Frey, J., R. T. Graveson and M. E. Cassidy
"Preselect Address Unit for the IBM 1620 Computer"
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"Fallout Program Quarterly Summary Report, October
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E. P. Hardy, J. Rivera, W. Collins (Editors)
USAEC Report HASL-142
January, 1964

Paper Number : 93-009, EML Number : 143E
Sutton, D.
"Determination of Cerium-144 in Vegetation and Soil"
USAEC Report HASL-143
February, 1964

Paper Number : 93-010, EML Number : 144E
"Fallout Program Quarterly Summary Report, January
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E. P. Hardy, J. Rivera, W. R. Collins (Editors)
USAEC Report HASL-144
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Paper Number : 93-011, EML Number : 145E
Beck, H. L., W. J. Condon and W. M. Lowder
"Environmental Radiation Measurements in the South-
eastern, Central and Western United States,
1962-1963"
USAEC Report HASL-145
April, 1964

Paper Number : 93-012, EML Number : 146E
"Fallout Program Quarterly Summary Report, April 1,
1964 - July 1, 1964"
E. P. Hardy, J. Rivera, W. R. Collins (Editors)
USAEC Report HASL-146
July, 1964

Paper Number : 93-013, EML Number : 147E
Rivera, J. and J. H. Harley
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Food Chains"
USAEC Report HASL-147
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Lanes, S. J.

"A Procedure to Determine the Relative Extent of
Reactor Fission Product Releases Under Various
Meteorological Conditions"

USAEC Report HASL-148

July, 1964

Paper Number : 93-002, EML Number : 149E

"Fallout Program Quarterly Summary Report, July 1,
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E. P. Hardy, J. Rivera, W. R. Collins (Editors)

USAEC Report HASL-149

October, 1964

Paper Number : 93-308, EML Number : 14AE

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Contamination: Anaconda Company, Grants, New
Mexico"

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USAEC Report HASL-150

October, 1964

Paper Number : 93-016, EML Number : 151E

Shambon, A.

"Determination of Energy Distribution of X-Ray
BeamC from a 250 kV Constant Potential Machine"

USAEC Report HASL-151

November, 1964

Paper Number : 93-017, EML Number : 152E

Rizzo, A. J., M. S. Weinstein, J. E. McLaughlin and
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"Operational Safety Evaluation of Remote Reactor
Flants"

USAEC Report HASL-152

December, 1964

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Paper Number : 93-018, EML Number : 153E
Feely, H. W., J. P. Friend, F. W. Krey and
B. A. Russell

"PROJECT STARDUST Flight and Data Results of
Radiochemical Analyses of Filter Samples
Collected During 1961 and 1962"

USAEC Report HASL-153
August, 1964

Paper Number : 93-019, EML Number : 155E
"Fallout Program Quarterly Summary Report, October
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E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-155
January, 1965

Paper Number : 93-020, EML Number : 156E
Volchok, H. L.

"The HASL Surface Air Sampling Program Summary
Report for 1963"

USAEC Report HASL-156
January, 1965

Paper Number : 93-021, EML Number : 157E
O'Brien, K. and J. E. McLaughlin

"The Boundary Effect on Gamma-Ray Transport from
a Point Source"

USAEC Report HASL-157
January, 1965

Paper Number : 93-022, EML Number : 158E
"Fallout Program Quarterly Summary Report December
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E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-158
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Paper Number : 93-023, EML Number : 159E
Hegemann, F. T., J. Gray and L. Machta

"Carbon-14 Measurements in the Atmosphere - 1953
to 1964"

USAEC Report HASL-159
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Weintraub, A. A.
"Control of Liquid Hydrogen Hazards at Experimental
Facilities: A Review"
USAEC Report HASL-160
May, 1965

Paper Number : 93-025, EML Number : 161E
"Fallout Program Quarterly Summary Report, April 1.
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E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-161
July, 1965

Paper Number : 93-026, EML Number : 162E
Sanna, R. S., K. O'Brien, M. Alberg, S. Rothenberg
and J. E. McLaughlin
"Nuclear Emulsion Spectrometry at Low and
Intermediate Neutron Energies"
USAEC Report HASL-162
July, 1965

Paper Number : 93-027, EML Number : 163E
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J. Rivera, J. H. Harley (Editors)
USAEC Report HASL-163
August, 1965

Paper Number : 93-028, EML Number : 164E
"Fallout Program Quarterly Summary Report, July 1,
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E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-164
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Paper Number : 93-029, EML Number : 165E
"Fallout Program Quarterly Summary Report, October
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E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-165
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Paper Number : 93-030, EML Number : 166E
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USAEC Report HASL-166
January, 1966

Paper Number : 93-031, EML Number : 167E
Alberg, M., K. O'Brien, J. E. McLaughlin and
A. Lazanoff
"An Experimental Determination of Differential
Energy and Angle Spectra for Cesium-137 Gamma
Rays in Sand"
USAEC Report HASL-167
February, 1966

Paper Number : 93-032, EML Number : 168E
Feely, H. W., J. P. Friend, R. J. Lagomarsino, D. C. Bogen,
F. E. Biscaye and J. E. Hardaway
"Flight Data and Results of Radiochemical Analyses
of Filter Samples Collected During 1963"
USAEC Report HASL-168
December, 1965

Paper Number : 93-033, EML Number : 169E
Feely, H. W., D. C. Bogen, R. J. Lagomarsino, J. E. Hardaway
and H. W. Leo
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of Filter Samples Collected During 1964"
USAEC Report HASL-169
January, 1966

Paper Number : 93-034, EML Number : 170E
Beck, H. L., W. M. Lowder, B. G. Bennett and
W. J. Condon
"Further Studies of External Environmental
Radiation"
USAEC Report HASL-170
March, 1966

Paper Number : 93-035, EML Number : 171E
"Fallout Program Quarterly Summary Report"
E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-171
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Paper Number : 93-036, EML Number : 172E
"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-172
July, 1966

Paper Number : 93-037, EML Number : 173E
"Fallout Program Quarterly Summary Report (with
Appendix)"
E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-173
October, 1966

Paper Number : 93-038, EML Number : 174E
"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-174
January, 1967

Paper Number : 93-039, EML Number : 175E
Breslin, A. J., A. C. George, P. C. LeClare and
H. Glauberman
"The Contribution of Uranium Surface Contamination
to Inhalation Exposures"
USAEC Report HASL-175
May, 1966

Paper Number : 93-040, EML Number : 176E
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and E. R. French
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of Filter Samples Collected During 1965"
USAEC Report HASL-176
May, 1966

Paper Number : 93-041, EML Number : 177E
Graveson, R. T.
"Point Source Detection by Scintillation Survey
Meter"
USAEC Report HASL-177
July, 1966

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Paper Number : 93-042, EML Number : 178E
Freeswick, D. C.
"Automatic Sampler for Collecting Radioactive
 Particulates in Ground Level Air"
USAEC Report HASL-178
 August, 1966

Paper Number : 93-043, EML Number : 179E
Shambon, A.
"Spectral Energy Distribution of Unfiltered X-Rays
 from a 250 kV Constant Potential Machine"
USAEC Report HASL-179
 August, 1966

Paper Number : 93-044, EML Number : 180E
Rimberg, D.
"Pressure Drop Across Sharp End Capillary Tubes"
USAEC Report HASL-180
 November, 1966

Paper Number : 93-045, EML Number : 181E
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E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-181
 April, 1967

Paper Number : 93-046, EML Number : 182E
"Fallout Program Quarterly Summary Report (with
 Appendix)"
E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-182
 July, 1967

Paper Number : 93-047, EML Number : 183E
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E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-183
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Paper Number : 93-048, EML Number : 184E
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E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-184
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Paper Number : 93-049, EML Number : 185E
Bennett, B. G. and H. L. Beck
"Legendre, Tschebyscheff, and Half-Range Legendre
Polynomial Solutions of the Gamma-Ray Transport
Equation in Infinite Homogenous and Two Media
Plane Geometry"
USAEC Report HASL-185
August, 1967

Paper Number : 93-050, EML Number : 186E
Hajnal, F.
"Relativistic N-P Scattering Calculations for
Recoil Proton Spectrometers"
USAEC Report HASL-186
October, 1967

Paper Number : 93-051, EML Number : 187E
Alberg, M., H. L. Beck, K. O'Brien and
J. E. McLaughlin
"Tabulated Values of Experimentally Determined
Differential Energy and Angle Spectra for
Cesium-137 Gamma Rays in Water and Air"
USAEC Report HASL-187
December, 1966

Paper Number : 93-052, EML Number : 188E
O'Brien, K.
"The Neutron Shielding of the Los Alamos Meson
Physics Facility"
USAEC Report HASL-188
November, 1967

Paper Number : 93-054, EML Number : 189E
Shambon, A.
"Preliminary Evaluation of CaF₂ Thermoluminescent
Systems for use in Low Dose Problem Areas"
USAEC Report HASL-189
November, 1967

Paper Number : 93-055, EML Number : 190E
Beck, H. L., B. G. Bennett and T. G. McCraw
"External Radiation Levels on Bikini Atoll - May
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USAEC Report HASL-190
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Shambon, A.
"Investigation of the LiF TLD System for Low
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USAEC Report HASL-191
December, 1967

Paper Number : 93-057, EML Number : 192E
Beck, H. L., B. G. Bennett and K. O'Brien
"A Monte Carlo Procedure for Calculation of the
Extranuclear Cascade"
USAEC Report HASL-192
June, 1968

Paper Number : 93-058, EML Number : 193E
"Fallout Program Quarterly Summary Report"
E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-193
April, 1968

Paper Number : 93-059, EML Number : 194E
Loysen, F. and H. Franklin
"Investigation of Recirculation by Stratospheric
Air Samplers"
USAEC Report HASL-194
December, 1968

Paper Number : 93-060, EML Number : 195E
Beck, H. L. and G. de Planque
"The Radiation Field in Air Due to Distributed
Gamma-Ray Sources in the Ground"
USAEC Report HASL-195
May, 1968

Paper Number : 93-061, EML Number : 196E
Sutton, D. C. and J. J. Kelly
"Strontium-90 and Cesium-137 Measurements of Large
Volume Sea Water Samples"
USAEC Report HASL-196
April, 1968

Paper Number : 93-062, EML Number : 197E
"Fallout Program Quarterly Summary Report"
E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-197
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Paper Number : 93-063, EML Number : 198E
Latner, N.
"Determining the "State of Charge" of Nickel-
Cadmium Batteries by Farad Capacitance
Measurements"
USAEC Report HASL-198
August, 1968

Paper Number : 93-064, EML Number : 199E
O'Brien, K.
"Transverse Shielding Calculations for the
Components of a 1/2 TeV Proton Synchrotron"
USAEC Report HASL-199
August, 1968

Paper Number : 93-065, EML Number : 200E
"Fallout Program Quarterly Summary Report (with
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E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-200
October, 1968

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Paper Number : 93-066, EML Number : 201E
Shambon, A. and J. E. McLaughlin
"Low Dose Measurements with Thermoluminescent
 Dosimeters"
USAEC Report HASL-201
 October, 1968

Paper Number : 93-067, EML Number : 202E
Thomas, J. W.
"Determination of Radon Progeny in Air from Alpha
 Activity of Air Samples"
USAEC Report HASL-202
 November, 1968

Paper Number : 93-068, EML Number : 203E
O'Brien, K.
"Tables for the Determination of the Lateral
 Shielding Requirements of High Energy
 Accelerators"
USAEC Report HASL-203
 November, 1968

Paper Number : 93-069, EML Number : 204E
"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-204
 January, 1969

Paper Number : 93-070, EML Number : 205E
Bennett, B. G., G. deP. Burke and H. L. Beck
"Experimental and Theoretical Studies of the
 Transport of Gamma-Rays Through Slab Shields"
USAEC Report HASL-205
 January, 1969

Paper Number : 93-071, EML Number : 206E
Lazanoff, A. S. and J. E. McLaughlin
"Feasibility Study of Using LiF Detectors in a
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USAEC Report HASL-206
 March, 1969

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Paper Number : 93-072, EML Number : 207E
"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-207
April, 1969

Paper Number : 93-073, EML Number : 208E
Wilson, F.
"Ground Plane Printed Circuit Boards by Refracted
Photographic Method"
USAEC Report HASL-208
March, 1969

Paper Number : 93-074, EML Number : 209E
Lowder, W. H.
"Low-Energy Atmospheric Gamma Radiation as a
Measure of Cosmic-Ray Secondary Electron Flux"
USAEC Report HASL-209
June, 1969

Paper Number : 93-075, EML Number : 210E
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Paper Number : 93-076, EML Number : 211E
Krajewski, B.
"Calculation of Stratospheric Air Sample Volumes"
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Paper Number : 93-077, EML Number : 212E
Sutton, D. C. and M. Miro
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Strontium, Calcium, and Magnesium in Biological
Materials"
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July, 1969

Paper Number : 93-078, EML Number : 213E
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Energy Electrons and Photons in Matter"
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E. F. Hardy, J. Rivera (Editors)
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Paper Number : 93-080, EML Number : 215E
Krey, F. W. and B. Krajewski
"HASL Model of Atmospheric Transport"
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Paper Number : 93-081, EML Number : 216E
O'Brien, K.
"Consideration of Cosmic-Rays as Secondaries"
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USAEC Report HASL-217
January, 1970

Paper Number : 93-083, EML Number : 218E
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Paper Number : 93-084, EML Number : 219E
Strash, A. M.
"Thesis: Thermoluminescence Spectrum and the
Energy Conversion Efficiency of Lithium
Fluoride"
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December, 1969

Paper Number : 93-085, EML Number : 220E
Breslin, A. J., A. C. George and M. S. Weinstein
"Investigation of the Radiological Characteristics
of Uranium Mine Atmospheres"
USAEC Report HASL-220
December, 1969

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Paper Number : 93-086, EML Number : 221E
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"Shielding Calculations for Broad Neutron Beams
Normally Incident on Slabs of Concrete"
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Paper Number : 93-087, EML Number : 222E
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"Technique for Determining Moderated-Neutron
Instrument Characteristics"
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Paper Number : 93-088, EML Number : 223E
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Graveson, R. T.
"A Computational Method for Photopeak Location and
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USAEC Report HASL-225
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Paper Number : 93-092, EML Number : 226E
Bennett, B. G., J. E. McLaughlin, K. O'Brien and
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E. P. Hardy (Editor)
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O'Brien, K. and J. E. McLaughlin
"Calculation of Dose and Dose-Equivalent Rates
to Man in the Atmosphere from Galactic Cosmic-
Rays"
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Paper Number : 93-095, EML Number : 229E
Woodard, H. Q.
"The Biological Effects of Tritium"
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Paper Number : 93-096, EML Number : 230E
Sanna, R. S., J. E. McLaughlin and K. O'Brien
"Nuclear Emulsion Spectrometry at Low and
Intermediate Neutron Energies (An Updating
of HASL-162)"
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Paper Number : 93-097, EML Number : 231E
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"Aerosol Scavenging by Ocean Spray"
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"Tests of TLD-700 High Sensitivity LiF Ribbon for
Low-Level Environmental Radiation Measurements"
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July, 1970

Paper Number : 93-100, EML Number : 234E
Raft, P. D., W. M. Lowder and H. L. Beck
"Measurement of Cosmic-Ray Ionization in the
Atmosphere, 1968-70"
USAEC Report HASL-234
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Paper Number : 93-101, EML Number : 235E
Krey, P. W. and E. P. Hardy
"Plutonium in Soil Around the Rocky Flats Plant"
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Paper Number : 93-102, EML Number : 236E
de F. Burke, G. and H. L. Beck
"Dosimetry Study of Thermally Stimulated
Exoelectron Emission (TSEE) with Lithium
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USAEC Report HASL-236
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Paper Number : 93-103, EML Number : 237E
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E. P. Hardy (Editor)
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"Fallout Program Summary Quarterly Report"
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Paper Number : 93-111, EML Number : 244E
Sanna, R. S.
"A User's Guide to SWIFT, a Monte Carlo Technique
for Unfolding Neutron Spectra"
USAEC Report HASL-244
July, 1971

Paper Number : 93-112, EML Number : 245E
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E. P. Hardy (Editor)
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January, 1972

Paper Number : 93-114, EML Number : 247E
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Paper Number : 93-117, EML Number : 250E
Hardy, E. P., P. W. Krey and H. L. Volchok
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March, 1972

Paper Number : 93-118, EML Number : 251E
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Paper Number : 93-120, EML Number : 253E
Bennett, B. G.
"The Radiation Dose Due to Acute Intake of Tritium
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Lowder, W. H. and K. O'Brien
"Cosmic-Ray Dose Rates in the Atmosphere"
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Thomas, J. W.
"Measurement of Radon Daughters in Air by Counting
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April, 1972

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"Fallout Program Quarterly Summary Report"
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Paper Number : 93-124, EML Number : 258E
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"In Situ Ge(Li) and NaI(Tl) Gamma-Ray Spectrometry"
USAEC Report HASL-258
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Paper Number : 93-129, EML Number : 262E
Beck, H. L.
"The Absolute Intensities of Gamma Rays from the
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Paper Number : 93-131, EML Number : 264E
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Paper Number : 93-134, EML Number : 267E
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"Thirty One Group Response Matrices for the
Multisphere Neutron Spectrometer Over the Energy
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Paper Number : 93-137, EML Number : 270E
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Lowder, W. M., P. D. Raft and C. V. Gogolak
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Protection in Uranium Mines"
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Paper Number : 93-152, EML Number : 284E
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Paper Number : 93-153, EML Number : 285E
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E. P. Hardy (Editor)
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October, 1974

Paper Number : 93-155, EML Number : 287E
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W. H. Lowder (Editor)
USAEC Report HASL-287
September, 1974

Paper Number : 93-156, EML Number : 288E
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Paper Number : 93-157, EML Number : 289E
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"Variations in Natural Environmental Gamma
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Paper Number : 93-158, EML Number : 290E
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Paper Number : 93-160, EML Number : 292E
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"Index to Fallout Program Quarterly Summary Reports"
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April, 1975

Paper Number : 93-161, EML Number : 293E
Sanna, R. S.
"Total Neutron Cross Sections from 15 MeV to 25.5
GeV for Isotopes with Mass Numbers, 12 < or = A
< or = 64"
USERDA Report HASL-293
April, 1975

Paper Number : 93-162, EML Number : 294E
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E. F. Hardy (Editor)
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Paper Number : 93-163, EML Number : 295E
Sutton, D. C.
"Measurement of the Normal Levels of Cadmium,
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Biological Materials"
USERDA Report HASL-295
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Paper Number : 93-164, EML Number : 296E
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USERDA Report HASL-296
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Paper Number : 93-165, EML Number : 297E
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Paper Number : 93-166, EML Number : 298E
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Paper Number : 93-167, EML Number : 299E
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H. A. Chieco, D. C. Bogen, E. O. Knutson (Editors)
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Paper Number : 93-168, EML Number : 301E
Robinson, H.
"Effects of the Corona Discharge on Electric-Wind
Convection and Eddy Diffusion in an
Electrostatic Precipitator"
USERDA Report HASL-301
February, 1976

Paper Number : 93-169, EML Number : 302E
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E. F. Hardy (Editor)
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April, 1976

Paper Number : 93-170, EML Number : 303E
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"The Application of the Donor-Acceptor Model of
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R. H. Knuth, M. Coppes and T. Tamura
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USERDA Report HASL-305
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Paper Number : 93-173, EML Number : 306E
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E. P. Hardy (Editor)
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Sutton, D. C., G. Calderon and W. Rosa
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and Strontium-90 in Large Volume Sea Water"
USERDA Report HASL-307
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Paper Number : 93-175, EML Number : 308E
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E. F. Hardy (Editor)
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Paper Number : 93-176, EML Number : 309E
Beck, H. L.
"Energy Spectra from Coupled Electron-Photon
Slowing Down"
USERDA Report HASL-309
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Paper Number : 93-177, EML Number : 310E
Evans, C. and B. G. Bennett
"The Transfer of Cesium-137 through the Food Chain
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USERDA Report HASL-311
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Breslin, A. J.
"Guidance for Air Sampling at Nuclear Facilities"
USERDA Report HASL-312
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Paper Number : 93-180, EML Number : 313E
Lowder, W. M. and G. de Planque
"The Response of LiF Thermoluminescence Dosimeters
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Paper Number : 93-181, EML Number : 314E
"HASL Measurements of Fallout Following the
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USERDA Report HASL-314
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Paper Number : 93-182, EML Number : 315E
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E. F. Hardy (Editor)
USERDA Report HASL-315
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Paper Number : 93-183, EML Number : 316E
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"An Improved Tritium Acid Electrolysis Enrichment
System"
USERDA Report HASL-316
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Paper Number : 93-184, EML Number : 317E
"Quarterly Report of the ERDA, Div. of Safety,
Standards, and Compliance - Quality Assurance
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USERDA Report HASL-317
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Paper Number : 93-185, EML Number : 318E
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E. F. Hardy (Editor)
USERDA Report HASL-318
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USERDA Report HASL-319
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Paper Number : 93-187, EML Number : 320E
Heit, H.
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Ecological and Health Related Aspects of the
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USERDA Report HASL-320
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E. F. Hardy (Editor)
USERDA Report HASL-321
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Paper Number : 93-189, EML Number : 322E
Welford, G. A. and J. H. Harley
"HASL Participation in IAEA Intercomparisons"
USERDA Report HASL-322
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USERDA Report HASL-323
August, 1977

Paper Number : 93-191, EML Number : 324E
Lowder, W. M., H. L. Beck and P. D. Raft
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Paper Number : 93-192, EML Number : 325E
"Radon Workshop - February 1977"
A. J. Breslin (Editor)
USERDA Report HASL-325
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Paper Number : 93-193, EML Number : 326E
George, A. C., L. Hinchliffe and R. Sladowski
"Size Distribution of Radon Daughter Particles in
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Paper Number : 93-194, EML Number : 327E
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"A System for Continuous Radon Determination"
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Paper Number : 93-195, EML Number : 328E
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E. F. Hardy (Editor)
USERDA Report HASL-328
October, 1977

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"Summary of Monthly Sr-90 Fallout Data: 1954-1976"
USERDA Report HASL-329
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Paper Number : 93-197, EML Number : 330E
Countess, R. J. and J. W. Thomas
"Radon Flask Monitor"
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N. A. Chieco (Editor)
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Mexico"

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Contamination: Union Carbide Nuclear Plant,
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Whitnah, J. C.
"Fiscal Year 1958 Program Review"
USAEC Report HASL-31
March, 1958

Paper Number : 93-324, EML Number : 30E
"Occupational and Non-Occupational Radiation and
Contamination: Vitro Uranium Company, Salt Lake
City, Utah"
USACE Report HASL-30
March, 1958

Paper Number : 93-326, EML Number : 32E
Harley, J. H., E. Jetter and N. Nelson
"Elimination of Radon from the Body"
USAEC Report HASL-32
March, 1958

Paper Number : 93-323, EML Number : 29E
Weinstein, M. S. and A. V. Zila
"Radiation Survey at Ohio State University
Cyclotron"
USAEC Report HASL-29
March, 1958

Paper Number : 93-321, EML Number : 27E
O'Brien, K.
"Some Variable Contributors to Natural Background"
USAEC Report HASL-27
March, 1958

Paper Number : 93-329, EML Number : 34E
Hardy, E. F.
"Strontium Program: Summary Report for April 1958"
USAEC Report HASL-34
April, 1958

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Paper Number : 93-328, EML Number : 33E
Hardy, E. P. and G. Hamada
"A Procedure for the Acid Extraction and Analysis
of Strontium-90 in Soil"
USAEC Report HASL-33
April, 1958

Paper Number : 93-359, EML Number : 35E
"Occupational and Non-Occupational Radiation and
Contamination: Vanadium Coporation of America,
Durango, Colorado"
USAEC Report HASL-35
April, 1958

Paper Number : 93-330, EML Number : 38E
Hardy, E. P.
"Strontium Program: Summary Report for May 1958"
USAEC Report HASL-38
May, 1958

Paper Number : 93-345, EML Number : 36E
Breslin, A. J. and W. B. Harris
"Health Protection in Beryllium Facilities :
Summary of Ten Years of Experience"
USAEC Report HASL-36
May, 1958

Paper Number : 93-360, EML Number : 37E
"Occupational Exposure to Airborne Beryllium:
Beryllium Corporation, Hazleton, Pennsylvania"
USAEC Report HASL-37
May, 1958

Paper Number : 93-347, EML Number : 62E
LeVine, H. D.
"Recently Developed Components for Application to
Nuclear Electronic Equipment"
USAEC Report HASL-62
June, 1958

Paper Number : 93-348, EML Number : 63E
LeVine, H. D.
"The Application of Solid State and Other New
Components in Circuits for Nuclear Instruments"
USAEC Report HASL-63
June, 1958

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EML PUBLICATIONS
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Paper Number : 93-361, EML Number : 41E
"Occupational Exposure to Radioactive Dust:
Sylvania-Corning Nuclear Corp., Inc., Hicksville
Pilot Plant"
USAEC Report HASL-41
June, 1958

Paper Number : 93-355, EML Number : 39E
Harris, W. B. and I. Kingsley
"The Industrial Hygiene of Uranium Fabrication"
USAEC Report HASL-39
June, 1958

Paper Number : 93-363, EML Number : 43E
"Occupational Exposure to Radioactive Dust:
Sylvania-Corning Nuclear Corp., Inc., Commercial
Fuel Element Facility, Hicksville, Long Island"
USAEC Report HASL-43
June, 1958

Paper Number : 93-362, EML Number : 44E
"Occupational Exposure to Airborne Contaminants:
Brush Beryllium Company, Elmore, Ohio"
USAEC Report HASL-44
June, 1958

Paper Number : 93-356, EML Number : 45E
O'Brien, K., L. R. Solon and W. M. Lowder
"A Dose-Rate Dependent Dosimeter for Low Intensity
Gamma-Ray Fields"
USAEC Report HASL-45
July, 1958

Paper Number : 93-364, EML Number : 46E
"Occupational Exposure to Airborne Beryllium:
Beryllium Corporation, Hazleton, Pennsylvania"
USAEC Report HASL-46
July, 1958

Paper Number : 93-332, EML Number : 47E
Hardy, E. P.
"Strontium Program: Summary Report for June and
July 1958"
USAEC Report HASL-47
August, 1958

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Paper Number : 93-365, EML Number : 49E
"Occupational Exposure to Radioactive Dust: Nuclear
Metals, Inc., Cambridge, Massachusetts"
USAEC Report HASL-49
August, 1958

Paper Number : 93-331, EML Number : 42E
"Environmental Contamination from Weapons Tests"
USAEC Report HASL-42
October, 1958

Paper Number : 93-358, EML Number : 58E
"Symposium on Occupational Health Experience and
Practices in the Uranium Industry, New York
City, October 15-17, 1958"
USAEC Report HASL-58
October, 1958

Paper Number : 93-372, EML Number : 50E
"Radiation Survey: Columbia University, Van De
Graaff"
USAEC Report HASL-50
November, 1958

Paper Number : 93-333, EML Number : 51E
Hardy, E. P. and S. Klein
"Strontium Program: Quarterly Summary Report"
USAEC Report HASL-51
November, 1958

Paper Number : 93-371, EML Number : 52E
"Occupational Exposure to Airborne Beryllium:
Brush Beryllium Company, Cleveland, Ohio"
USAEC Report HASL-52
November, 1958

Paper Number : 93-370, EML Number : 53E
"Occupational Exposure to Airborne Beryllium:
Beryllium Corporation, Hazleton, Pennsylvania"
USAEC Report HASL-53
December, 1958

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EML PUBLICATIONS
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Paper Number : 93-334, EML Number : 55E
Hardy, E. F. and S. Klein
"Strontium Program: Quarterly Summary Report"
USAEC Report HASL-55
February, 1959

Paper Number : 93-369, EML Number : 56E
"Occupational Exposure to Airborne Contaminants:
Brush Beryllium Company, Elmore, Ohio"
USAEC Report HASL-56
February, 1959

Paper Number : 93-357, EML Number : 57E
Welford, G. A., W. R. Collins, D. C. Sutton and
P. S. Morse
"The Sequential Analysis of Ten Nuclides Occurring
in Long Range Fallout Debris"
USAEC Report HASL-57
March, 1959

Paper Number : 93-366, EML Number : 61E
Sadowski, H. and M. E. Cassidy
"Transistorized Cold Cathode Decade Counter"
USAEC Report HASL-61
March, 1959

Paper Number : 93-367, EML Number : 60E
LeVine, H. D., L. Charlton and R. T. Graveson
"Low Background Nuclear Counting Equipment"
USAEC Report HASL-60
March, 1959

Paper Number : 93-368, EML Number : 59E
Graveson, R. T.
"A Transistorized Pulse Height Analyzer for Gamma
Spectroscopy"
USAEC Report HASL-59
March, 1959

Paper Number : 93-335, EML Number : 64E
Collins, W. R.
"A System for the Automatic Computation of
Disintegration Rates from Radiochemical Data"
USAEC Report HASL-64
May, 1959

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Paper Number : 93-385, EML Number : 67E
"Occupational Exposure to Airborne Beryllium:
Beryllium Corporation, Hazleton, Pennsylvania"
USAEC Report HASL-67
June, 1959

Paper Number : 93-384, EML Number : 68E
"Occupational Exposure to Airborne Beryllium and
Uranium: Nuclear Metals, Inc., Concord,
Massachusetts"
USAEC Report HASL-68
July, 1959

Paper Number : 93-382, EML Number : 71E
"An Evaluation of Existing Fallout Collection
Methods"
USAEC Report HASL-71
September, 1959

Paper Number : 93-337, EML Number : 69E
Hardy, E. P. and S. Klein
"Strontium Program: Quarterly Summary Report"
USAEC Report HASL-69
October, 1959

Paper Number : 93-338, EML Number : 72E
Welford, G. A. and W. R. Collins
"Fallout Deposition of Seven Nuclides in New York
City During 1958"
USAEC Report HASL-72
October, 1959

Paper Number : 93-383, EML Number : 70E
"Occupational Exposure to Radioactive Dust: Babcock
and Wilcox Company, Lynchburg, Virginia"
USAEC Report HASL-70
October, 1959

Paper Number : 93-380, EML Number : 74E
"Occupational Exposure to Radioactive Dust:
Westinghouse Atomic Power Development Plant,
Pittsburgh, Pennsylvania"
USAEC Report HASL-74
November, 1959

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Paper Number : 93-386, EML Number : 66E
McLaughlin, J. E.
"Nuclear Safety in Manufacturing Plants"
USAEC Report HASL-66
November, 1959

Paper Number : 93-381, EML Number : 73E
Solon, L. R., W. M. Lowder, A. Shambon and
H. Blatz
"Further Investigations of Natural Environmental
Radiation"
USAEC Report HASL-73
November, 1959

Paper Number : 93-379, EML Number : 75E
"Occupational Exposure to Radioactive Dust:
Davison Chemical Company, Nuclear Reactor
Materials Plant, Erwin, Tennessee"
USAEC Report HASL-75
November, 1959

Paper Number : 93-378, EML Number : 76E
"Occupational Exposure to Airborne Beryllium:
Brush Beryllium Company, Cleveland, Ohio"
USAEC Report HASL-76
November, 1959

Paper Number : 93-339, EML Number : 77E
Hardy, E. P. and S. Klein
"Strontium Program Quarterly Summary Report"
USAEC Report HASL-77
January, 1960

Paper Number : 93-377, EML Number : 78E
"Occupational Exposure to Radioactive Dust:
Sylvania-Corning Nuclear Corporation, Inc.,
Hicksville Pilot Plant, Hicksville, Long Island"
USAEC Report HASL-78
January, 1960

Paper Number : 93-376, EML Number : 79E
"Occupational Exposure to Beryllium Dust: Stevens
Institute of Technology, Powder Metallurgy
Laboratory, Hoboken, New Jersey"
USAEC Report HASL-79
January, 1960

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EML PUBLICATIONS
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Paper Number : 93-374, EML Number : 82E
"Occupational Exposure to Radioactive Dusts: Safety
and Fire Protection, Nuclear Materials and
Equipment Corp., Apollo, Pennsylvania"
USAEC Report HASL-82
February, 1960

Paper Number : 93-375, EML Number : 81E
"Occupational Exposure to Airborne Contaminants:
Brush Beryllium Company, Elmore, Ohio"
USAEC Report HASL-81
February, 1960

Paper Number : 93-373, EML Number : 83E
"Occupational Exposure to Radioactive Dust:
Hallinckrodt Nuclear Corporation, Hematite,
Missouri"
USAEC Report HASL-83
February, 1960

Paper Number : 93-340, EML Number : 84E
Hardy, E. F. and S. Klein
"Fallout Program Quarterly Summary Report"
USAEC Report HASL-84
April, 1960

Paper Number : 93-393, EML Number : 85E
"Occupational Exposure to Dust During Extrusion of
Uranium Rods: Bridgeport Brass Company, Aluminum
Division, Adrian, Michigan"
USAEC Report HASL-85
May, 1960

Paper Number : 93-392, EML Number : 86E
"Occupational Exposure to Airborne Beryllium:
Beryllium Corporation, Hazleton, Pennsylvania"
USAEC Report HASL-86
May, 1960

Paper Number : 93-346, EML Number : 91E
"Experimental Environmental Study of AEC Leased
Uranium Mines"
USAEC Report HASL-91
June, 1960

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EML PUBLICATIONS
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Paper Number : 93-351, EML Number : 89E
McLaughlin, J. E. and E. Katine
"Status of Nuclear Safety Activities Within the
New York Operations Office Jurisdiction"
USAEC Report HASL-89
June, 1960

Paper Number : 93-391, EML Number : 87E
"Occupational Exposure to Airborne Uranium:
Englehard Industries, Enriched Recovery Plant,
Newark, New Jersey"
USAEC Report HASL-87
June, 1960

Paper Number : 93-341, EML Number : 88E
Hardy, E. F. and S. Klein
"Fallout Program Quarterly Summary Report"
USAEC Report HASL-88
July, 1960

Paper Number : 93-342, EML Number : 90E
Harley, J. H. and J. Rivera
"Summary of Available Data on the Strontium-90
Content of Foods and of Total Diets in the
United States"
USAEC Report HASL-90
August, 1960

Paper Number : 93-390, EML Number : 92E
"Occupational Exposure to Radioactive Dusts: Safety
and Fire Protection, Nuclear Materials"
USAEC Report HASL-92
August, 1960

Paper Number : 93-350, EML Number : 100E
LeVine, H. D.
"Advanced Instrumentation for a Gamma Ray Counting
System to Measure the Radioactivity of Humans"
USAEC Report HASL-100
September, 1960

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EML PUBLICATIONS
By Publication Date
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Paper Number : 93-343, EML Number : 93E
Harley, J. H., H. Hallden and L. Ong
"Summary of Gunned Film Results Through December
1959"
USAEC Report HASL-93
September, 1960

Paper Number : 93-349, EML Number : 94E
Graveson, R. T.
"Analog and Digital Readout on an IBM Output Writer"
USAEC Report HASL-94
September, 1960

Paper Number : 93-389, EML Number : 96E
"Occupational Exposures to Radioactive Dust: Safety
and Fire Protection, National Lead Company,
Nuclear Metals Division, Albany, New York"
USAEC Report HASL-96
September, 1960

Paper Number : 93-388, EML Number : 97E
"Occupational Exposure to Airborne Beryllium and
Uranium: Safety and Fire Protection, Nuclear
Metals, Inc., Concord, Massachusetts"
USACE Report HASL-97
September, 1960

Paper Number : 93-387, EML Number : 98E
"Occupational Exposure to Airborne Beryllium:
Brush Beryllium Company, Cleveland, Ohio"
USAEC Report HASL-98
September, 1960

Paper Number : 93-344, EML Number : 95E
Hardy, E. P., J. Rivera and R. Frankel
"Fallout Program Quarterly Summary Report"
USAEC Report HASL-95
October, 1960

Paper Number : 93-394, EML Number : 102E
"Occupational Exposure to Airborne Contaminants:
Brush Beryllium Company, Elmore, Ohio"
USAEC Report HASL-102
October, 1960

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EML PUBLICATIONS
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Paper Number : 93-395, EML Number : 103E
"Occupational Exposure to Radioactive Dusts:
Nuclear Materials and Equipment Corporation,
Apollo, Pennsylvania"
USAEC Report HASL-103
November, 1960

Paper Number : 93-396, EML Number : 104E
"Occupational Exposure to Airborne Beryllium:
Beryllium Corporation, Hazleton, Pennsylvania"
USAEC Report HASL-104
December, 1960

Paper Number : 93-280, EML Number : 105E
"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera, R. Frankel (Editors)
USAEC Report HASL-105
January, 1961

Paper Number : 93-397, EML Number : 106E
"Occupational Exposure to Radioactive Dusts:
Nuclear Materials and Equipment Corporation,
Apollo, Pennsylvania"
USAEC Report HASL-106
January, 1961

Paper Number : 93-279, EML Number : 99E
Harley, J. H., N. A. Harley and I. M. Fisenne
"A Study of Beta Scintillation Counting with
Plastic Phosphors"
USAEC Report HASL-99
February, 1961

Paper Number : 93-398, EML Number : 107E
"Occupational Exposure to Radioactive Dusts During
Extrusion of Uranium Rods: Bridgeport Brass
Company, Adrian, Michigan"
USAEC Report HASL-107
February, 1961

Paper Number : 93-281, EML Number : 110E
Graveson, R. T.
"A Transistorized Logarithmic Count Rate Meter,
HASL Type TR-1"
USAEC Report HASL-110
March, 1961

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Paper Number : 93-282, EML Number : 111E
"Fallout Quarterly Summary Report"
E. F. Hardy, J. Rivera, R. Frankel (Editors)
USAEC Report HASL-111
April, 1961

Paper Number : 92-092, EML Number : 109E
Shambon, A., W. M. Lowder and L. R. Solon
"The Attenuation of Natural Environmental Radiation
by an Automobile"
USAEC Report HASL-109
April, 1961

Paper Number : 93-399, EML Number : 112E
"Occupational Exposure to Radioactive Dusts:
Sylvania Electric Products, Inc., Hicksville,
New York"
USAEC Report HASL-112
May, 1961

Paper Number : 93-400, EML Number : 114E
"Occupational Exposure to Radioactive Dust: Nuclear
Materials and Equipment Corporation, Apollo,
Pennsylvania"
USAEC Report HASL-114
June, 1961

Paper Number : 93-283, EML Number : 113E
"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera, R. Frankel (Editors)
USAEC Report HASL-113
July, 1961

Paper Number : 93-284, EML Number : 115E
"Fallout Program Quarterly Summary Report"
E. F. Hardy, J. Rivera, R. Frankel (Editors)
USAEC Report
October, 1961

Paper Number : 92-094, EML Number : 119E
Wilson, F. C.
"Preparation of Etched Circuits for Laboratory Use"
USAEC Report HASL-119
January, 1962

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Paper Number : 92-093, EML Number : 118E
Meth, I. H. and R. T. Graveson
"The Effect of Noise on Pulse Height Resolution"
USAEC Report HASL-118
January, 1962

Paper Number : 93-286, EML Number : 121E
HASL Staff,
"Preliminary Data on Fallout from the Fall 1961
USSR Test Series"
USAEC Report HASL-121
February, 1962

Paper Number : 92-095, EML Number : 120E
Lippmann, M., L. D. Ong and W. B. Harris
"The Significance of Urine Uranium Excretion Data"
USAEC Report HASL-120
February, 1962

Paper Number : 93-287, EML Number : 122E
"Fallout Program Quarterly Summary Report"
E. F. Hardy, J. Rivera, R. Frankel (Editors)
USAEC Report HASL-122
April, 1962

Paper Number : 92-099, EML Number : 125E
Katine, E.
"The Calculation of Some Bessel Functions for
Criticality Problems"
USAEC Report HASL-125
May, 1962

Paper Number : 92-096, EML Number : 124E
Lanes, S. J.
"Effective Multiplication Factors for Bare
Cylinders"
USAEC Report HASL-124
May, 1962

Paper Number : 93-353, EML Number : 128E
"Survey of Fallout Operations"
USAEC Report HASL-128
July, 1962

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Paper Number : 93-352, EML Number : 127E
"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera, R. Frankel (Editors)
USAEC Report HASL-127
July, 1962

Paper Number : 92-101, EML Number : 129E
Shambon, A. and D. Murnick
"Filters to Provide Nearly Monoenergetic X-rays"
USAEC Report HASL-129
July, 1962

Paper Number : 92-102, EML Number : 130E
Grotch, H.
"Energy Absorption Spectrum in Air of Cosmic Ray Mu
Mesons at Sea Level"
USAEC Report HASL-130
September, 1962

Paper Number : 93-354, EML Number : 131E
"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera, W. R. Collins (Editors)
USAEC Report HASL-131
October, 1962

Paper Number : 93-401, EML Number : 132E
"Fallout Program Quarterly Summary Report"
E. P. Hardy, J. Rivera, W. R. Collins (Editors)
USAEC Report HASL-132
January, 1963

Paper Number : 92-091, EML Number : 108E
Shambon, A., W. H. Lowder and W. Condon
"Ionization Chambers for Environmental Radiation
Measurements"
USAEC Report HASL-108
February, 1963

Paper Number : 93-003, EML Number : 133E
Shambon, A., A. Zila and R. S. Sanna
"Energy Determinations in the 60-180 keV Range with
an X-Ray Machine of Varying Output"
USAEC Report HASL-133
February, 1963

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Paper Number : 93-004, EML Number : 134E
Sutton, D.

"Determination of Beryllium in Urine by Ion
Exchange Separation and Fluorimetric
Measurement"

USAEC Report HASL-134
February, 1963

Paper Number : 92-100, EML Number : 126E
Lanes, S. J. and T. Rosenberg

"A Computer Program for Calculating Neutron
Interaction Between Cylindrical Storage
Containers"

USAEC Report HASL-126
February, 1963

Paper Number : 93-292, EML Number : 137E
Cassidy, M. E. and R. T. Graveson

"A Low Level Beta Scintillation Counter"

USAEC Report HASL-137
March, 1963

Paper Number : 93-291, EML Number : 136E
Latner, H., R. T. Graveson and M. E. Cassidy

"Variable Coincidence Unit - HASL Type TL-9"

USAEC Report HASL-136
March, 1963

Paper Number : 93-290, EML Number : 135E

"Fallout Program Quarterly Summary Report"

E. P. Hardy, J. Rivera, W. Collins (Editors)

USAEC Report HASL-135
April, 1963

Paper Number : 93-293, EML Number : 138E

"Fallout Program Quarterly Summary Report"

E. P. Hardy, J. Rivera, W. Collins (Editors)

USAEC Report HASL-138
July, 1963

Paper Number : 93-005, EML Number : 139E

Thomas, J. W. and G. D. Crane

"Aerosol Penetration Through 9 Mil HV-70 Filter
Paper with and without Pinholes"

USAEC Report HASL-139
August, 1963

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Paper Number : 93-006, EML Number : 140E
"Fallout Program Quarterly Summary Report, October
1, 1963 - January 1, 1964"
E. F. Hardy, J. Rivera, W. R. Collins (Editors)
USAEC Report HASL-140
October, 1963

Paper Number : 93-007, EML Number : 141E
Frey, J., R. T. Graveson and M. E. Cassidy
"Preselect Address Unit for the IBM 1620 Computer"
USAEC Report HASL-141
December, 1963

Paper Number : 93-008, EML Number : 142E
"Fallout Program Quarterly Summary Report, October
1, 1963 - January 1, 1964"
E. F. Hardy, J. Rivera, W. Collins (Editors)
USAEC Report HASL-142
January, 1964

Paper Number : 93-009, EML Number : 143E
Sutton, D.
"Determination of Cerium-144 in Vegetation and Soil"
USAEC Report HASL-143
February, 1964

Paper Number : 93-010, EML Number : 144E
"Fallout Program Quarterly Summary Report, January
1, 1964 - April 1, 1964"
E. P. Hardy, J. Rivera, W. R. Collins (Editors)
USAEC Report HASL-144
April, 1964

Paper Number : 93-011, EML Number : 145E
Beck, H. L., W. J. Condon and W. M. Lowder
"Environmental Radiation Measurements in the South-
eastern, Central and Western United States,
1962-1963"
USAEC Report HASL-145
April, 1964

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Paper Number : 93-012, EML Number : 146E
"Fallout Program Quarterly Summary Report, April 1,
1964 - July 1, 1964"
E. F. Hardy, J. Rivera, W. R. Collins (Editors)
USAEC Report HASL-146
July, 1964

Paper Number : 93-013, EML Number : 147E
Rivera, J. and J. H. Harley
"HASL Contributions to the Study of Fallout in
Food Chains"
USAEC Report HASL-147
July, 1964

Paper Number : 93-014, EML Number : 148E
Lanes, S. J.
"A Procedure to Determine the Relative Extent of
Reactor Fission Product Releases Under Various
Meteorological Conditions"
USAEC Report HASL-148
July, 1964

Paper Number : 93-018, EML Number : 153E
Feely, H. W., J. P. Friend, F. W. Krey and
B. A. Russell
"PROJECT STARDUST Flight and Data Results of
Radiochemical Analyses of Filter Samples
Collected During 1961 and 1962"
USAEC Report HASL-153
August, 1964

Paper Number : 93-002, EML Number : 149E
"Fallout Program Quarterly Summary Report, July 1,
1964 - October 1, 1964"
E. F. Hardy, J. Rivera, W. R. Collins (Editors)
USAEC Report HASL-149
October, 1964

Paper Number : 93-015, EML Number : 150E
Beck, H. L., W. J. Condon and W. M. Lowder
"Spectrometric Techniques for Measuring
Environmental Gamma Radiation"
USAEC Report HASL-150
October, 1964

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Paper Number : 93-016, EML Number : 151E
Shambon, A.
"Determination of Energy Distribution of X-Ray
BeamC from a 250 kV Constant Potential Machine"
USAEC Report HASL-151
November, 1964

Paper Number : 93-017, EML Number : 152E
Rizzo, A. J., M. S. Weinstein, J. E. McLaughlin and
W. Johnson
"Operational Safety Evaluation of Remote Reactor
Plants"
USAEC Report HASL-152
December, 1964

Paper Number : 93-028, EML Number : 164E
"Fallout Program Quarterly Summary Report, July 1,
1965 - October 1, 1965"
E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-164
1965

Paper Number : 93-019, EML Number : 155E
"Fallout Program Quarterly Summary Report, October
1, 1964 - January 1, 1965"
E. F. Hardy, J. Rivera (Editors)
USAEC Report HASL-155
January, 1965

Paper Number : 93-020, EML Number : 156E
Volchok, H. L.
"The HASL Surface Air Sampling Program Summary
Report for 1963"
USAEC Report HASL-156
January, 1965

Paper Number : 93-021, EML Number : 157E
O'Brien, K. and J. E. McLaughlin
"The Boundary Effect on Gamma-Ray Transport from
a Point Source"
USAEC Report HASL-157
January, 1965

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Paper Number : 93-022, EML Number : 158E
"Fallout Program Quarterly Summary Report December
1, 1945 - March 1, 1965"
E. P. Hardy, J. Rivera (Editors)
USAEC Report HASL-158
April, 1965

Paper Number : 93-023, EML Number : 159E
Hegemann, F. T., J. Gray and L. Machta
"Carbon-14 Measurements in the Atmosphere - 1953
to 1964"
USAEC Report HASL-159
April, 1965

Paper Number : 93-024, EML Number : 160E
Weintraub, A. A.
"Control of Liquid Hydrogen Hazards at Experimental
Facilities: A Review"
USAEC Report HASL-160
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