V125 MILLER, J.E.

PLUTONIUM

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V125 MILLER, J.E. E-201 R8/73 1
NSA 33(9) 15 MAY 1976

22321 NSA 33(09) REPORT GEAP--14034-4

RADIOLOGICAL ASSESSMENT MODELS. FOURTH QUARTERLY REPORT, JUNE--AUGUST 1975.
(GENERAL ELECTRIC CO., SUNNYVALE, CALIF. (USA). FAST BREEDER REACTOR DEPT.) OCT 1975. 53P. AT

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CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

AERODYNAMICS
BIOLOGICAL MODELS
BODY BURDEN
DEPOSITION
ENVIRONMENT
FISSION PRODUCT RELEASE
HEALTH HAZARDS
INTERNAL IRRADIATION
LUNG CLEARANCE
MATHEMATICAL MODELS
PERSONNEL
RADIATION DOSES
RADIOACTIVE AEROSOLS
REACTOR CORE DISRUPTION
RESEARCH PROGRAMS
SODIUM
SOLUBILITY
TIME DEPENDENCE
ALPHA SOURCES
BIOLOGICAL RADIATION EFFECTS
BODY FLUIDS
DIFFUSION
FIRES
FISSION PRODUCTS
HUMAN POPULATIONS
LMFBR TYPE REACTORS
LUNGS
PARTICLE SIZE
+PLUTONIUM
RADIATION HAZARDS
RADIONUCLIDE KINETICS
REACTOR SAFETY
RETENTION FUNCTIONS
SODIUM COMPOUNDS
SURFACE AIR

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DOE ARCHIVES

RADIONUCLIDE PRODUCTION, TRANSPORT, AND RELEASE FROM NORMAL OPERATION OF LIQUID-METAL-COOLED FAST BREEDER REACTORS.

ERDMAN, C.A.; KELLY, J.L.; KIRBIYIK, M.; REYNOLDS, A.B. (VIRGINIA UNIV., CHARLOTTESVILLE (USA). DEPT. OF NUCLEAR ENGINEERING) NOV 1975. 238P.

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CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

FISSION PRODUCT RELEASE
LMFBR TYPE REACTORS
RADIOACTIVE EFFLUENTS
REVIEWS
FUEL ELEMENT FAILURE
+PLUTONIUM
RADIONUCLIDE MIGRATION
TRITIUM

19558 NSA 33(08) REPORT ORNL--5046

REACTOR STUDIES.

BARNES, P.R.; CHESTER, R.O.; DAVIS, R.R.; CHESTER, C.V.; CRISTY, G.A.; MANWEILER, R.W. (OAK RIDGE NATIONAL LAB., TENN. (USA)) SEP 1975. 14-52P.

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CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

COOLING TOWERS
HEALTH HAZARDS
NUCLEAR EXPLOSIONS
+PLUTONIUM 239
REACTOR SAFETY
SABOTAGE
TORNADOES
ELECTROMAGNETIC PULSES
HURRICANES
NUCLEAR PARKS
RADIOACTIVE AEROSOLS
REACTOR SITES
SECURITY

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V125 PERKS, RUTH

PLUTONIUM

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 32(8) 31 OCTOBER 1975

21698 NSA 32(08) BOOK / THESIS

PLUTONIUM PROBLEM.
JOHNSON, E.R.; MCBRIDE, J.A. NUCLEAR CONTROVERSY IN THE U.S.A. II.
NEW YORK, ATOMIC INDUSTRIAL FORUM INC., 1974. VP, 18PP. SEE CONF-
740596--, WORKSHOP ON THE NUCLEAR CONTROVERSY IN THE U.S.A., LUCERNE,
SWITZERLAND, 5 MAY 1974

+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

FUEL CYCLE	HAZARDS
+PLUTONIUM	PLUTONIUM RECYCLE
POWER REACTORS	SAFEGUARDS

NSA/SDI EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHIN

VOL 32 ISS 8

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 32(10) 30 NOVEMBER 1975

24343 NSA 32(10) REPORT CONF-750662--1

BEHAVIOR OF PLUTONIUM AND OTHER LONG-LIVED RADIONUCLIDES IN LAKE MICHIGAN.
II. PATTERNS OF DEPOSITION IN THE SEDIMENTS.
EDGINGTON, D.N.; ROBBINS, J.A. (ARGONNE NATIONAL LAB., ILL. (USA)) 1975.
18P. DEP. NTIS $4.00. SYMPOSIUM ON RADIOLOGICAL IMPACTS OF RELEASES
FROM NUCLEAR FACILITIES INTO AQUATIC ENVIRONMENTS, OTANIEMI, FINLAND,
30 JUN 1975
+++
CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND
TRANSPORT */* WATER

CESIUM 137
DRILL CORES
LAKE MICHIGAN
+PLUTONIUM 240
RADIONUCLIDE MIGRATION
SEDIMENTATION
TIME DEPENDENCE
DIFFUSION
FALLOUT DEPOSITS
+PLUTONIUM 239
RADIOACTIVITY
SAMPLING
SEDIMENTS

24344 NSA 32(10) REPORT CONF-750662--2

BEHAVIOR OF PLUTONIUM AND OTHER LONG-LIVED RADIONUCLIDES IN LAKE MICHIGAN. 1. BIOLOGICAL TRANSPORT, SEASONAL CYCLING, AND RESIDENCE TIMES IN THE WATER COLUMN.

WAHLGREN, M.A.; MARSHALL, J.S. (ARGONNE NATIONAL LAB., ILL. (USA)) 1975. 21P. DEP. NTIS $4.25. SYMPOSIUM ON RADIOLOGICAL IMPACTS OF RELEASES FROM NUCLEAR FACILITIES INTO AQUATIC ENVIRONMENTS, OTANIEMI, FINLAND, 30 JUN 1975

+++

CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

AMERICIUM 241
CESIUM 137
DIFFUSION
FOOD CHAINS
PLANKTON
+PLUTONIUM 240
RADIOACTIVE WASTE MANAGEMENT
RADIOECOLOGICAL CONCENTRATION
SEASONAL VARIATIONS
SURFACE WATERS
AQUATIC ECOSYSTEMS
DEPTH
FALLOUT DEPOSITS
LAKE MICHIGAN
+PLUTONIUM 239
RADIATION MONITORING
RADIOACTIVITY
REACTORS
STRONTIUM 90

25385 NSA 32(10) REPORT UCLA-ENG--7545

SAFETY RESEARCH NEEDS FOR CARBIDE AND NITRIDE FUELED LMFBRS. FINAL REPORT.

KASTENBERG, W.E. (CALIFORNIA UNIV., LOS ANGELES (USA). DEPT. OF ENERGY AND KINETICS) JUN 1975. 67P. DEP. NTIS $6.75.

+++

CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

AFTER-HEAT REMOVAL
MATHEMATICAL MODELS
+PLUTONIUM CARBIDES
REACTOR CORE DISRUPTION
RECOMMENDATIONS
URANIUM CARBIDES
LMFBR TYPE REACTORS
PLANNING
+PLUTONIUM NITRIDES
REACTOR SAFETY
RESEARCH PROGRAMS
URANIUM NITRIDES

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LISTED BELOW
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DOCUMENTS.

V125 PERKS, RUT
NSA 32(6) 30

14261 NSA 32(06

ENVIRONMENTAL EFFLUE
PIGFORD, T.H.
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CAT. 4410 ENVIRONME
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FABRICATION
ISOTOPE SEPARATI
NUCLEAR FUELS
+PLUTONIUM ISOTOPE
RADIOACTIVE WASTE
REACTORS
SPENT FUELS
TRITIUM
URANIUM FLUORIDES
URANIUM ORES
URANIUM 235

14262 NSA 32(06

ENVIRONMENTAL EFFLU
PIGFORD, T.H.
J. (CALIFORNIA UN
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CAT. 4410 ENVIRONME
BREEDER REACTORS
ENVIRONMENTAL EF
MILLING
+PLUTONIUM
RADIOACTIVE EFFLU
RADIOACTIVE WAST
SPENT FUELS
URANIUM

14271 NSA 32(06) J AL

MARKET FOR URANIUM AND PLUTONIUM.
MOMMSEN, J. (NUCLEAR EXCHANGE P., MENLO PARK, CA) PROC. AM. POWER CONF., 36, 241-246, 1974. SE NF-7404100--, AMERICAN POWER CONFERENCE, CHICAGO, 29 APR 1

+++

CAT. 4410 ENVIRONMENTAL AND EARTH IENCES */* MINERALS AND ORES

COST
MARKET
+PLUTONIUM
URANIUM

ECONOMICS
NUCLEAR FUELS
POWER REACTORS

14296 NSA 32(06) R T HNWL--1950(PT.3)

TRANSURANIUM ELEMENTS IN THE ATM RE.
THOMAS, C.W.; PERKINS, R.W. (ELLE PACIFIC NORTHWEST LABS., RICHLAND, WASH. (USA)) FEB 1975. 17-1

+++

CAT. 4431 ENVIRONMENTAL AND EART IENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHE

AIR POLLUTION
DIFFUSION
EARTH CRUST
FALLOUT DEPOSITS
MIXING
+PLUTONIUM 238
+PLUTONIUM 240
RADIATION MONITORING
RADIONUCLIDE MIGRATION
STRATOSPHERE
TIME DEPENDENCE
TROPOSPHERE

AMERICIUM 241
EARTH ATMOSPHERE
FALLOUT
ISOTOPE RATIO
NUCLEAR EXPLOSIONS
+PLUTONIUM 239
+PLUTONIUM 241
RADIOACTIVITY
SEASONAL VARIATIONS
SURFACE AIR
TRANSURANIUM ELEMENTS

14297 NSA 32(06) REPORT

ATMOSPHERIC F ALLOUT DURING 1974 AT RICHLAND, WAS
ALASKA.
THOMAS, C. W. (BATTELLE PACIFIC NORTHWEST LABS
FEB 1975. 20-21P.
+++
CAT. 4431 ENV IRONMENTAL AND EARTH SCIENCES */* R
TRA NSPORT */* ATMOSPHERE

ALASKA	AMERI
CHINA	DIFFU
EARTH ATM	SPHERE FALLO
NUCLEAR E	PLOSIONS +PLUTO
+PLUTONIUM	239 +PLUTO
RADIATION	MONITORING RADIO
RADIONUCL	DE MIGRATION SAMPL
SURFACE A	R WASHI

16562 NS 32(06) REPORT

EXPERIMENT F R ACCURATE MEASUREMENTS OF FISSION
SHORT TIMES FTER THERMAL-NEUTRON FISSION OF /SU
DICKENS, .K.; PEELLE, R.W.; MAIENSCHEIN, F.O
TENN. (U A)) MAY 1975. 26P. DEP. NTIS $4.5
+++
CAT. 7790 RE CTOR TECHNOLOGY */* REACTOR SAFETY

AFTER-HEA	BWR T
FISSION P	ODUCTS LOSS
+PLUTONIUM	239 2WR
REACTOR S	FETY URAN

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PLUTONIUM

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 32(09) 15 NOVEMBER 1975

22282 NSA 32(09) JOURNAL

MAN-MADE PLUTONIUM IN FRESHWATER AND MARINE ENVIRONMENTS.
KRISHNASWAMI, S. (PHYSICAL RESEARCH LAB., AHMEDABAD (INDIA)) PROC.
INDIAN ACAD. SCI., SECT. A, 80, 3, 115-123, SEP 1974. 13 REFS.
+++
CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND
TRANSPORT */* WATER

AQUATIC ECOSYSTEMS
FRESH WATER
OCEANOGRAPHY
+PLUTONIUM
+PLUTONIUM 240
RADIOACTIVITY
SEDIMENTS
COASTAL WATERS
LAKES
PARTICLE SIZE
+PLUTONIUM 239
RADIATION MONITORING
RADIONUCLIDE MIGRATION
TRACER TECHNIQUES

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V125 PER UTH OIS, WASHINGTON X4166 REV 8/3

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 32(1) 15 JULY 1975

00741 NSA 32(01) JOURNAL

CONCLUSIONS DRAWN FROM STUDIES ON THE OKLO NATURAL NUCLEAR REACTOR CONCERNING THE EVOLUTION IN THE GROUND OF RADIOACTIVE WASTE OVER A LONG PERIOD.
FREJACQUES, C. TRANS. AM. NUCL. SOC., 20, 695-696, APR 1975. EUROPEAN NUCLEAR CONFERENCE, PARIS, FRANCE, 21 APR 1975

+++
CAT. 4410 ENVIRONMENTAL AND EARTH SCIENCES */* MINERALS AND ORES

ALKALI METALS	ALKALINE EARTH METALS
CHAIN REACTIONS	CLAYS
FISSION PRODUCTS	CARBON
ION PROBES	+PLUTONIUM
RADIOACTIVE WASTES	RARE EARTHS
TRANSURANIUM ELEMENTS	URANIUM DEPOSITS

02733 NSA 32(01) JOURNAL

HIGH-TEMPERATURE REACTOR SAFETY AND ENVIRONMENT.
BRISBOIS, J.; CHAPELOT, A.; CHARLES, J. TRANS. AM. NUCL. SOC., 20, 478-480, APR 1975. EUROPEAN NUCLEAR CONFERENCE, PARIS, FRANCE, 21 APR 1975

+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

COOLANTS	ENVIRONMENTAL EFFECTS
GRAPHITE	HELIUM
HTGR TYPE REACTORS	LOSS OF COOLANT
+PLUTONIUM	PRESTRESSED CONCRETE
RADIOACTIVE WASTES	REACTOR SAFETY
THORIUM	

EVALUATION SHEET

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NSA 32(2) 31 JULY 1975

03473 NSA 32(02) REPORT UCRL--51781

PLUME DEPLETION FOLLOWING POSTULATED PLUTONIUM DIOXIDE RELEASES FROM MIXED-OXIDE FUEL--FABRICATION PLANTS.
GUDIKSEN, P.H.; PETERSON, K.R.; LANGE, R.; KNOX, J.B. (CALIFORNIA UNIV., LIVERMORE (USA). LAWRENCE LIVERMORE LAB.) 19 MAR 1975. 21P. DEP.
NTIS $4.00.
+++
CAT. 4421 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVE EFFLUENTS */* ATMOSPHERE

A CODES	ACCIDENTS
COMPUTER CALCULATIONS	COMPUTER CODES
CONTAMINATION	DIFFUSION
ENVIRONMENT	FUEL FABRICATION PLANTS
GASEOUS WASTES	GEOGRAPHY
HEALTH HAZARDS	METEOROLOGY
PARTICLE SIZE	PARTICLES
PLUMES	+PLUTONIUM OXIDES
RADIATION MONITORING	RADIOACTIVE EFFLUENTS
STACK DISPOSAL	SURFACE AIR
TIME DEPENDENCE	

05643 NSA 32(02) JOURNAL

NUCLEAR CONTROVERSY- AMONG SCIENTISTS AND TECHNOLOGISTS, POLITICIANS, AND IN MASS MEDIA.
LOEFVEBERG, S. (STATENS STRAALSKYDDINSTITUT, STOCKHOLM) INGENIOER-NYTT., 11, 9, 4-6, 7 MAR 1975. (IN NORWEGIAN) CONFERENCE ON NUCLEAR POWER-SHOULD WE HAVE DOUBTS, OSLO, NORWAY, 11 FEB 1975
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

HAZARDS	HUMAN POPULATIONS
NUCLEAR POWER	+PLUTONIUM
PUBLIC RELATIONS	RADIOACTIVE WASTE DISPOSAL
RADIOACTIVE WASTES	REACTOR SAFETY
TRANSPORT	

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ERKS, RUTH OIS, WASHINGTON

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NSA 32(3) 15 AUGUST 1975

06438 NSA 32(03) REPORT UCSD--34P84X9

MARINE GEOCHEMISTRY RESEARCH. PROGRESS REPORT.
GOLDBERG, E.D. (CALIFORNIA UNIV., LA JOLLA, SAN DIEGO (USA). DEPT. OF CHEMISTRY) 11 MAR 1975. 6P. DEP. NTIS $4.00.
+++
CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

FALLOUT
PACIFIC OCEAN
+PLUTONIUM 239
RADIATION MONITORING
SEDIMENTS
LEAD 210
+PLUTONIUM 238
+PLUTONIUM 240
RADIONUCLIDE MIGRATION
STRONTIUM 90

08243 NSA 32(03) REPORT WASH--1535(VOL.2)

LIQUID METAL FAST BREEDER REACTOR PROGRAM. VOLUME II. ENVIRONMENTAL STATEMENT.
(USAEC, WASHINGTON, D.C.) DEC 1974. 945P. DEP. NTIS $50.25.
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

CONSTRUCTION
ENVIRONMENTAL EFFECTS
FUEL CYCLE
FUEL REPROCESSING PLANTS
+PLUTONIUM
RADIOACTIVE WASTES
REACTOR OPERATION
TOXICITY
USA
ENVIRONMENT
ENVIRONMENTAL IMPACT STATEMENTS
FUEL FABRICATION PLANTS
LMFBR TYPE REACTORS
RADIOACTIVE WASTE DISPOSAL
REACTOR ACCIDENTS
REACTOR SITES
TRANSPORT

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PLUTONIUM

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 33(4) 29 FEBRUARY 1976

07276 NSA 33(04) REPORT COO--3462-12

FISSION-TRACK STUDY OF THE URANIUM BIO-GEOCHEMISTRY IN CARBONATES OF BIKINI AND ENEWETAK ATOLLS. PROGRESS REPORT, JULY 1, 1974--DECEMBER 31, 1975.
LEVY, Y.; MILLER, D.S.; FRIEDMAN, G.M.; GOTER, E.R. (RENSSELAER POLYTECHNIC INST., TROY, N.Y. (USA). DEPT. OF GEOLOGY) SEP 1975. 35P. DEF. NTIS $5.00.
+++
CAT. 4410 ENVIRONMENTAL AND EARTH SCIENCES */* MINERALS AND ORES

ALPHA SPECTROSCOPY	BIKINI
CORALS	DISTRIBUTION
DRILL CORES	ENIWETOK
FISSION TRACKS	GEOCHEMISTRY
NUCLEAR REACTION ANALYSIS	+PLUTONIUM
URANIUM	

07297 NSA 33(04) BOOK / THESIS

RELEASES OF KRYPTON-85 AND TRITIUM TO THE ENVIRONMENT AND TRITIUM TO KRYPTON-85 RATIOS AS SOURCE INDICATORS.

SCHROEDER, K.J.P.; ROETHER, W. ISOTOPE RATIOS AS POLLUTANT SOURCE AND BEHAVIOUR INDICATORS. VIENNA, INTERNATIONAL ATOMIC ENERGY AGENCY, 1975. 231-253P. SEE STI/PUB--382; CONF-741120--, SYMPOSIUM ON ISOTOPE RATIOS AS POLLUTANT SOURCE AND BEHAVIOR INDICATORS, VIENNA, AUSTRIA, 18 NOV 1974

+++

CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AIR
ENVIRONMENT
ISOTOPE RATIO
NUCLEAR POWER PLANTS
RADIATION MONITORING
RADIONUCLIDE MIGRATION
CONTAMINATION
HYDROSPHERE
KRYPTON 85
+PLUTONIUM 239
RADIOACTIVE EFFLUENTS
TRITIUM

NSA/SDI EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/7

VOL 33 ISS 4

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V125 PERKS, RUTH

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 33(5) 15 MARCH 1976

09267 NSA 33(05) REPORT CONF-760202--4

DETECTION OF INTERNALLY DEPOSITED ACTINIDES. PART II. STATISTICAL TECHNIQUES AND RISK ANALYSIS.
GOANS, R.E. (OAK RIDGE NATIONAL LAB., TENN. (USA)) 1975. 7P. DEP. NTIS $4.50. 9. TOPICAL SYMPOSIUM ON OPERATIONAL HEALTH PHYSICS, DENVER, COLORADO, USA, 9 FEB 1976
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AMERICIUM 241
CONTAMINATION
ENVIRONMENTAL EFFECTS
LUNGS
+PLUTONIUM 239
RADIATION DOSES
RADIATION PROTECTION
STATISTICS
URANIUM 233
COMPUTERS
CURIUM 244
GADOLINIUM 153
PERSONNEL
RADIATION DETECTION
RADIATION HAZARDS
SPECTRA
STRONTIUM 90

09276 NSA 33(05) REPORT UCRL--51886

COMPUTER-CONTROLLED SAMPLING SYSTEM FOR AIRBORNE PARTICULATES.
HALL, C.F.; ANSPAUGH, L.R.; KOVAL, J.S.; PHELPS, P.L.; STEINHAUS, R.J. (CALIFORNIA UNIV., LIVERMORE (USA). LAWRENCE LIVERMORE LAB.) 14 AUG 1975. 25P. DEP. NTIS $3.50.

+++

CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AEROSOLS
AIR SAMPLERS
COMPUTERS
FILTERS
METEOROLOGY
SAMPLING
AIR POLLUTION
COMPUTER CODES
DATA ACQUISITION SYSTEMS
MATHEMATICAL MODELS
+PLUTONIUM 239

09280 NSA 33(05) JOURNAL

PROBLEMS IN MEASURING PLUTONIUM IN THE ENVIRONMENT.
SILL, C.W. (IDAHO OPERATIONS OFFICE, IDAHO FALLS) HEALTH PHYS., 29, 4, 619-626, OCT 1975. PROCEEDINGS OF THE SECOND LOS ALAMOS LIFE SCIENCES SYMPOSIUM, LOS ALAMOS, NM, USA, 22 MAY 1974

+++

CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

ACCURACY
HUMAN POPULATIONS
QUALITATIVE CHEMICAL ANALYSIS
RADIOACTIVITY
TRACER TECHNIQUES
ENVIRONMENT
+PLUTONIUM
RADIATION MONITORING
SAMPLING

NSA/SDI EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73

VOL 33 ISS 5

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V125 PERKS, RUTH

PLUTONIU

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 31(12) 30 JUNE 1975

33126 NSA 31(12) REPORT HASL--291

QUANTITATIVE HEALTH ESTIMATES OF TRANSURANIC RELEASES.
BARR, N.F. (ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION, NEW YORK (USA). HEALTH AND SAFETY LAB.) 1 APR 1975. I.5-I.18P.

+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AIR
AMERICIUM 241
CURIUM ISOTOPES
FUEL CYCLE
HUMAN POPULATIONS
INHALATION
PARTICLES
RADIATION DOSES
TRANSURANIUM ELEMENTS
AMERICIUM ISOTOPES
BIOLOGICAL RADIATION EFFECTS
DECAY
HEALTH HAZARDS
INGESTION
LMFBR TYPE REACTORS
+PLUTONIUM ISOTOPES
RADIOACTIVE WASTES

33127 NSA 31(12) REPORT HASL--291

TRANSURANIUM ELEMENTS IN THE ATMOSPHERE.
THOMAS, C.W.; PERKINS, R.W. (ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION, NEW YORK (USA). HEALTH AND SAFETY LAB.) 1 APR 1975. I.80-I.103P.

+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AMERICIUM 241
CONTAMINATION
ENVIRONMENTAL EFFECTS
NUCLEAR EXPLOSIONS
+PLUTONIUM 238
+PLUTONIUM 240
RADIATION MONITORING
SATELLITES
TRANSURANIUM ELEMENTS
CESIUM 137
DIFFUSION
FORECASTING
NUCLEAR POWER PLANTS
+PLUTONIUM 239
+PLUTONIUM 241
RADIOACTIVE WASTES
SURFACE AIR

EVALUATION S

V125 PERKS, RUTH

VOL 31 ISS

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33126 M S N 33127 M

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PLUTONIUM

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 31(11) 15 JUNE 1975

29616 NSA 31(11) BOOK / THESIS

SURVEY AND MONITORING OF CONFINEMENT IN A PLUTONIUM IRRADIATED FUEL EXAMINATION FACILITY.
TAMAS, M.C. (CEA CENTRE D*ETUDES NUCLEAIRES DE FONTENAY-AUX-ROSES, 92 (FRANCE). SERVICE DE PROTECTION CONTRE LES RAYONNEMENTS) THE CONTAINMENT OF RADIOACTIVITY AND THE USE OF NUCLEAR ENERGY. PROCEEDINGS OF THE SEVENTH INTERNATIONAL CONGRESS, FRENCH SOCIETY FOR RADIOPROTECTION, VERSAILLES, 28-31 MAY 1974. MONTROUGE, FRANCE, SOCIETE FRANCAISE DE RADIOPROTECTION, 1974. 555-567P. (IN FRENCH) 7. INTERNATIONAL CONGRESS OF THE FRENCH SOCIETY FOR RADIOPROTECTION, VERSAILLES, FRANCE, 28 MAY 1974

+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AERIAL MONITORING
ALARM SYSTEMS
CONTAMINATION
HOT LABS
+PLUTONIUM
RADIATION MONITORS
RECORDING SYSTEMS
AIR SAMPLERS
CEA FONTENAY-AUX-ROSES
DATA PROCESSING
PERSONNEL MONITORING
RADIATION MONITORING
RADIATION PROTECTION

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/7

VOL 31 ISS 11

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29616 M S N ******* M S N ******* M S N

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 31(8) 30 APRIL 1975

19529 NSA 31(08) BOOK / THESIS

INDEPENDENCE AND DETERRENCE. BRITAIN AND ATOMIC ENERGY, 1945--1952.
VOLUME II. POLICY EXECUTION.
GOWING, M.; ARNOLD, L. LONDON, MACMILLAN, 1974. 570P.
+++
CAT. 4250 ENGINEERING */* NUCLEAR EXPLOSIONS

AERE
NUCLEAR ENERGY
NUCLEAR POWER
ORGANIZING
PLANNING
PRODUCTION
RADIOISOTOPES
SAFETY
UNITED KINGDOM
INDUSTRY
NUCLEAR EXPLOSIONS
NUCLEAR WEAPONS
PERSONNEL
+PLUTONIUM
RADIATION PROTECTION
RESEARCH PROGRAMS
SECURITY
URANIUM 235

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73

VOL 31 ISS 8

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19529 M S N ******* M S N ******* M S N

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 31(9) 15 MAY 1975

22631 NSA 31(09) REPORT RLO--2225-T18-7

DISTRIBUTION OF PLUTONIUM AND AMERICIUM IN BIKINI LAGOON.
NEVISSI, A.; SCHELL, W.R. (WASHINGTON UNIV., SEATTLE (USA). LAB. OF RADIATION ECOLOGY) 5 MAR 1974. 32P. DEP. NTIS $4.75.
+++
CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

AMERICIUM 241
COASTAL WATERS
FLOW RATE
PLANKTON
+PLUTONIUM 240
RADIOECOLOGICAL CONCENTRATION
RADIONUCLIDE MIGRATION
SEDIMENTS
BIKINI
DIFFUSION
PARTICLE SIZE
+PLUTONIUM 239
RADIATION MONITORING
RADIONUCLIDE KINETICS
SEAWATER
VARIATIONS

22632 NSA 31(09) REPORT RLO--2225-T18-11

PLUTONIUM IN AQUEOUS SYSTEMS.
SCHELL, W.R.; WATTERS, R.L. (WASHINGTON UNIV., SEATTLE (USA). LAB. OF RADIATION ECOLOGY; USAEC DIVISION OF BIOMEDICAL AND ENVIRONMENTAL RESEARCH, WASHINGTON, D.C.) 17 MAY 1974. 26P. DEP. NTIS $4.50.
+++
CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

AMERICIUM 241
BIKINI
DIFFUSION
INVERTEBRATES
+PLUTONIUM 239
RADIATION MONITORING
RADIONUCLIDE KINETICS
SEDIMENTS
AQUATIC ECOSYSTEMS
COASTAL WATERS
ENIWETOK
PLANKTON
+PLUTONIUM 240
RADIOECOLOGICAL CONCENTRATION
RADIONUCLIDE MIGRATION
VERTEBRATES

22633 NSA 31(09) JOURNAL

DATA. SECTION II. WATER.
RADIAT. DATA REP., 15, 12, 783, DEC 1974.
+++
CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

CALIFORNIA
NEVADA
+PLUTONIUM 239
RADIOACTIVITY
STRONTIUM 89
URANIUM 234
URANIUM 236
DRINKING WATER
+PLUTONIUM 238
RADIATION MONITORING
RADIUM 226
STRONTIUM 90
URANIUM 235
UTAH

24966 NSA 31(09) JOURNAL

POST-SHUTDOWN FISSION-PRODUCT DECAY HEATING FOR PLUTONIUM-239-FUELED FAST REACTORS.
SPORRER, R.; CHRISTENSON, J.M. (UNIV. OF CINCINNATI) NUCL. TECHNOL., 25, 3, 440-449, MAR 1975.
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

AFTER-HEAT
FBR TYPE REACTORS
+PLUTONIUM 239
COMPUTER CALCULATIONS
FISSION PRODUCTS
REACTOR SHUTDOWN

EVALUATION SHEET

V125 PERKS, RUTH DIS, WASHING

VOL 31 ISS 9

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22631	M	S	N	22633	M	S	N
22632	M	S	N	24966	M	S	N

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 31(10) 31 MAY 1975

25764 NSA 31(10) REPORT AECL--5011

ENERGY FOR TOMORROW- NUCLEAR POWER AND THE ENVIRONMENT.
BARRY, P.J. (ATOMIC ENERGY OF CANADA LTD., CHALK RIVER, ONTARIO. CHALK RIVER NUCLEAR LABS.) DEC 1974. 22P. DEP. NTIS (US SALES ONLY) $4.25. AECL $1.00. 1. WORLD CONGRESS OF ENVIRONMENTAL MEDICINE AND BIOLOGY, PARIS, FRANCE, 1 JUL 1974

+++

CAT. 4421 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVE EFFLUENTS */*
ATMOSPHERE

DIFFUSION
ENVIRONMENT
HUMAN POPULATIONS
NUCLEAR POWER PLANTS
RADIATION DOSES
RADIOACTIVE WASTES
REACTOR ACCIDENTS
SURFACE AIR
DOSE COMMITMENTS
GASEOUS WASTES
MAXIMUM PERMISSIBLE BODY BURDEN
+PLUTONIUM 239
RADIOACTIVE AEROSOLS
RADIONUCLIDE MIGRATION
STANDARDS

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73

VOL 31 ISS 10

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25764 M S N ******* M S N ******* M S N

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V125 PERKS, RUTH

NSA/SDI NOTIFICATION

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/3 /73 1
NSA 33(7) 15 APRIL 1976

14829 NSA 33(07) REPORT PB--238772

ANNUAL CONFERENCE ON BIOASSAY (26TH), ENVIRONMENTAL, AND ANALYTICAL CHEMISTRY HELD AT STOUFFER#S INN, CINCINNATI, OHIO, ON 24--25 SEPTEMBER 1974. PROGRAM ABSTRACTS.
(NATIONAL ENVIRONMENTAL RESEARCH CENTER, CINCINNATI, OHIO (USA)) JAN 1975. 52P. NTIS $4.25. 26. ANNUAL CONFERENCE ON BIOASSAY, ENVIRONMENTAL, AND ANALYTICAL CHEMISTRY, CINCINNATI, OHIO, UNITED STATES OF AMERICA (USA), 24 SEP 1974
+++
CAT. 4401 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

ABSTRACTS
CHEMICAL ANALYSIS
IODINE
MEETINGS
RADIATION MONITORING
TRITIUM
AMERICIUM
ENVIRONMENT
LEAD
+PLUTONIUM
RADIOISOTOPES
URANIUM

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14829 M S N ******* M S N ******* M S N

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V125 PERKS, RUTH

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 33(6) 31 MARCH 1976

11950 NSA 33(06) REPORT KURRI-TR--122

DISTRIBUTION OF HEAVY ELEMENTS IN ROCKS AND MINERALS.
NISHIMURA, S. IND . 25-28P. (IN JAPANESE) INIS STUDY MEETING ON HEAVY NUCLIDES AND SUPERHEAVY NUCLIDES, KUMATORI, OSAKA, JAPAN, 18 SEP 1972
+++
CAT. 4410 ENVIRONMENTAL AND EARTH SCIENCES */* MINERALS AND ORES

CRYSTALLIZATION
GRANITES
NATURAL OCCURRENCE
SPATIAL DISTRIBUTION
URANIUM
GEOCHEMISTRY
MINERALS
+PLUTONIUM 244
THORIUM

12020 NSA 33(06) REPORT HASL--298

HASL SURFACE AIR SAMPLING PROGRAM. THE QUALITY OF ANALYSIS, 1974 .
TOONKEL, L.; SCHONBERG, M.; VOLCHOK, H. (ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION, NEW YORK (USA). HEALTH AND SAFETY LAB.) 1 JAN 1976. I.31-I.62P.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

BERYLLIUM 7
CESIUM 137
LEAD
MONITORING
QUALITY ASSURANCE
RADIOMETRIC ANALYSIS
STRONTIUM 90
ZIRCONIUM 95
CERIUM 144
ENVIRONMENT
LEAD 210
+PLUTONIUM 239
RADIATION MONITORING
SAMPLING
SURFACE AIR

NSA/SDI

12035 NSA 33(06) JOURNAL

EFFECTS OF NUCLEAR ENERGY PRODUCTION ON HEALTH AND ENVIRONMENT.
DAVIDS, J.A.G. (STICHTING REACTOR CENTRUM NEDERLAND, THE HAGUE)
ATOOMENERG. HAAR TOEPASS., 17, 9, 194-199, SEP 1975. (IN DUTCH)
SYMPOSIUM ON THE EFFECTS OF USE OF NUCLEAR AND FOSSIL ENERGY SOURCES WITH REGARD TO HEALTH AND ENVIRONMENT, UTRECHT, THE NETHERLANDS, 4 MAY 1975

+++

CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

CESIUM ISOTOPES
MAXIMUM PERMISSIBLE LEVEL
NUCLEAR POWER PLANTS
POWER GENERATION
RADIATION PROTECTION
RADIUM ISOTOPES
RUTHENIUM ISOTOPES
TRITIUM
ENVIRONMENT
NUCLEAR ENERGY
+PLUTONIUM ISOTOPES
RADIATION HAZARDS
RADIOISOTOPES
RECOMMENDATIONS
STRONTIUM ISOTOPES

NSA/SDI EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73

VOL 33 ISS 6

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NSA 30(12) 30 DECEMBER 1974

31982 NSA 30(12) REPORT FOA--C-4567-T3

RISKS FOR PRODUCTION OF NUCLEAR EXPLO SIVES IN SECRET.
GYLDEN, N.; HOLM, L.W. (FOERSVARET S FORSKNINGSANSTALT, STOCKHOLM (
SWEDEN)) MAR 1974. 29P. (IN SWED ISH) DEP. NTIS (US SALES ONLY) $4.50.

+++
CAT. 4250 ENGINEERING */* NUCLEAR EXP LOSIONS
CRIME DETECTION HAZARDS
NUCLEAR EXPLOSIVES +PLUTONIUM
PRODUCTION

32008 NSA 30(12) REPORT HASL--286

SEDIMENT SAMPLING NEAR MOUND LABORATO RY, JULY 1974.
VOLCHOK, H.L.; BURKE, J.C. (USAEC HEALTH AND SAFETY LAB., NEW YORK) 1
OCT 1974. I.71-I.81P.
+++
CAT. 4423 ENVIRONMENTAL AND EARTH SCI ENCES */* RADIOACTIVE EFFLUENTS */* WATER
AQUATIC ECOSYSTEMS DIFFUSION
DRILL CORES FRESH WATER
MOUND LABORATORY OHIO
+PLUTONIUM RADIATION MONITORING
SAMPLING SEDIMENTS

32043 NSA 30(12) REPORT EUR--5105-D/F/I/N

RESULTS OF ENVIRONMENTAL RADIOACTIVI Y MEASUREMENTS IN THE COMMUNITY
COUNTRIES IN 1972- AIR--FALLOUT--WAT ER.
(COMMISSION OF THE EUROPEAN COMMUN ITIES, LUXEMBOURG. DIRECTORATE FOR
HEALTH AND SAFETY) 1974. 79P. (I N SEVERAL LANGUAGES) DEP. NTIS (US
SALES ONLY) $7.00.

CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

BARIUM 140	BELGIUM
BERYLLIUM 7	BETA SOURCES
CANADA	CESIUM 137
COMMON MARKET	DRINKING WATER
ENVIRONMENT	FALLOUT
FRANCE	GERMAN FEDERAL REPUBLIC
ITALY	LUXEMBOURG
MANGANESE 54	NETHERLANDS
+PLUTONIUM 238	+PLUTONIUM 239
RADIATION MONITORING	RADIOACTIVITY
RUTHENIUM 103	RUTHENIUM 106
SEAWATER	STRONTIUM 90
SURFACE AIR	SURFACE WATERS
USA	ZIRCONIUM 95

32060 NSA 30(12) BOOK / THESIS

NUMERICAL MODEL FOR THE STUDY OF DISPERSION OF RADIOACTIVE POLLUTANTS IN AIR.

ZUCCARO-LABELLARTE, G. PHYSICAL BEHAVIOR OF RADIOACTIVE CONTAMINANTS IN THE ATMOSPHERE. VIENNA, INTERNATIONAL ATOMIC ENERGY AGENCY, 1974. 311-318P. SEE STI/PUB--354; CONF-731110--, SYMPOSIUM ON THE PHYSICAL BEHAVIOR OF RADIOACTIVE CONTAMINANTS IN THE ATMOSPHERE, VIENNA, AUSTRIA, 12 NOV 1973

+++

CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

DIFFUSION	EARTH ATMOSPHERE
FUEL REPROCESSING PLANTS	KRYPTON 85
MATHEMATICAL MODELS	+PLUTONIUM 239
RADIATION MONITORING	RADICACTIVE WASTE DISPOSAL
RADIOACTIVITY	RADIONUCLIDE MIGRATION
STACK DISPOSAL	TRITIUM

32084 NSA 30(12) REPORT ANL--8060(PT.3)

RESIDENCE TIMES FOR /SUP 239/PU AND /SUP 137/CS IN LAKE MICHIGAN WATER.

WAHLGREN, M.A.; NELSON, D.M. (ARGONNE NATIONAL LAB., ILL. (USA)) 1973. 85-89P.

+++

CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

CESIUM 137	DEPTH
DIFFUSION	FALLOUT DEPOSITS
LAKE MICHIGAN	+PLUTONIUM 239
RADIATION MONITORING	RADIONUCLIDE MIGRATION
SEDIMENTS	STRONTIUM 90
SURFACE WATERS	TRITIUM

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/7

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31982	M	S	N	32043	M	S	N	32084	M	S	N
32008	M	S	N	32060	M	S	N	*******	M	S	N

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 30(11) 15 DECEMBER 1974

29361 NSA 30(11) REPORT BNWL--1850(PT.3)

ATMOSPHERIC NATURAL AEROSOLS AND FALLOUT PARTICULATES DURING 1973 AT
RICHLAND, WASHINGTON AND POINT BARROW, ALASKA.
THOMAS, C.W. (BATTELLE PACIFIC NORTHWEST LABS., RICHLAND, WASH. (USA))
APR 1974. 20-23P.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND
TRANSPORT */* ATMOSPHERE

ALASKA	FALLOUT
NATURAL RADIOACTIVITY	+PLUTONIUM 238
+PLUTONIUM 239	RADIATION MONITORING
SURFACE AIR	WASHINGTON

29370 NSA 30(11) REPORT BNWL--1850(PT.3)

RESUSPENSION OF TRACER PARTICLES BY WIND.
SEHMEL, G.A.; LLOYD, F.D. (BATTELLE PACIFIC NORTHWEST LABS., RICHLAND,
WASH. (USA)) APR 1974. 201-203P.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND
TRANSPORT */* ATMOSPHERE

AIR POLLUTION	CALCIUM COMPOUNDS
CONTAMINATION	DIFFUSION
MOLYBDENUM COMPOUNDS	PARTICLES
+PLUTONIUM	SOILS
SURFACE AIR	TRACER TECHNIQUES
TRANSPORT	WIND

29371 NSA 30(11) REPORT BNWL--1850(PT.3)

RESUSPENSION BY WIND AT ROCKY FLATS.
SEHMEL, G.A.; LLOYD, F.

WASH. (USA)) APR 1974. 204-211P.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AIR FILTERS	CONTAMINATION
DIFFUSION	DISTRIBUTION
PARTICLE SIZE	+PLUTONIUM 239
RADIATION MONITORING	RADIOACTIVE WASTES
RADIONUCLIDE MIGRATION	ROCKY FLATS PLANT
SAMPLING	SEDIMENTATION
SOILS	SURFACE AIR
WIND	

29372 NSA 30(11) REPORT BNWL--1850(PT.3)

RESUSPENSION SOURCE CHANGE AT ROCKY FLATS.
SEHMEL, G.A.; ORGILL, M.M. (BATTELLE PACIFIC NORTHWEST LABS., RICHLAND, WASH. (USA)) APR 1974. 212-214P.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

ATMOSPHERIC PRECIPITATIONS	CONTAMINATION
DIFFUSION	MATHEMATICAL MODELS
+PLUTONIUM 239	RADIATION MONITORING
RADIOACTIVE WASTES	ROCKY FLATS PLANT
SAMPLING	SOILS
SURFACE AIR	WIND

29375 NSA 30(11) REPORT BNWL--1850(PT.3)

ASSESSMENT OF THE LONG-TERM EXPOSURE DUE TO RESUSPENSION.
HORST, T.W.; DROPPO, J.G.; ELDERKIN, C.E. (BATTELLE PACIFIC NORTHWEST LABS., RICHLAND, WASH. (USA)) APR 1974. 223-227P.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

CONTAMINATION	DIFFUSION
ENVIRONMENT	MATHEMATICAL MODELS
METEOROLOGY	+PLUTONIUM
RADIATION HAZARDS	SOILS
SURFACE AIR	

29412 NSA 30(11) JOURNAL

DATA. SECTION IV. OTHER DATA.
RADIAT. DATA REP., 15, 8, 518-547, AUG 1974.
+++
CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

ANTIMONY 125
BARIUM 140
BETA SOURCES
CERIUM 141
CESIUM 137
GRASS
IODINE 131
MANGANESE 54
NEPTUNIUM 237
NUCLEAR EXPLOSIONS
PLANTS
+PLUTONIUM 239
RADIATION MONITORING
RADIOACTIVITY
RADIONUCLIDE KINETICS
RUTHENIUM 103
SOILS
STRONTIUM 90
SURFACE WATERS
THORIUM 230
TRITIUM
USA

ARGON 41
BERYLLIUM 7
BETTIS
CERIUM 144
COBALT 60
HUMAN POPULATIONS
LANTHANUM 140
MILK
NIOBIUM 95
PADUCAH PLANT
+PLUTONIUM 238
RADIATION DOSES
RADIOACTIVE WASTES
RADIOECOLOGICAL CONCENTRATION
RHODIUM 106
RUTHENIUM 106
STRONTIUM 89
SURFACE AIR
THORIUM 228
THORIUM 232
URANIUM
ZIRCONIUM 95

EVALUATION SHEET

V125 PERKS, RUTH OIS,

VOL 30 ISS 11

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29361	M	S	N	29371	M	S	N
29370	M	S	N	29372	M	S	N

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PLUTONIUM

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 30(7) 15 OCTOBER 1974

2045% NSA 30(07) JOURNAL

HOW SAFE ARE FAST BREEDERS. A DISCUSSION IN THE USA.
NACHR. CHEM. TECH., 22, 8, 155, APR 1974. (IN GERMAN) 3 REFS.
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

AMERICIUM 241	HUMAN POPULATIONS
LMFBR TYPE REACTORS	+PLUTONIUM 239
RADIATION HAZARDS	REACTOR SAFETY
USA	

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73

VOL 30 ISS 7

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20454 M S N ******* M S N ******* M S N

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PLUTONIUM

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V125 PERKS, RUTH OIS, WASHINGTON X4146 REV 8/30/73 1
NSA 30(8) 31 OCTOBER 1974

21087 NSA 30(08) REPORT CN--1892

STATUS OF PRODUCT MONITORING BY HEALTH PHYSICS SECTION.
PARKER, H.M. (CHICAGO UNIV., ILL. (USA)) SEP 1944. 9P. DEP. NTIS $4.
00.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND
TRANSPORT */* ATMOSPHERE

ALPHA SOURCES	DESIGN
ENVIRONMENT	MAXIMUM PERMISSIBLE INTAKE
PERSONNEL	PERSONNEL MONITORING
+PLUTONIUM	RADIATION MONITORING
RADIATION MONITORS	RADIOACTIVITY
SURFACE CONTAMINATION MONITORS	

21095 NSA 30(08) REPORT KFK--1899

SPACE AND EXHAUST GAS MONITORING IN REPROCESSING PLANTS OR OTHER LARGE
TECHNICAL INSTALLATIONS.
FINSTERWALDER, L. MAR 1974. 147-151P. (IN GERMAN)
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND
TRANSPORT */* ATMOSPHERE

AIR	AMERICIUM
CESIUM 134	CESIUM 137
CURIUM	FUEL REPROCESSING PLANTS
GASEOUS WASTES	GERMAN FEDERAL REPUBLIC
KRYPTON 85	OFF-GAS SYSTEMS
+PLUTONIUM	RADIATION MONITORING
RADIATION PROTECTION	RADIOACTIVE WASTES
RADIOACTIVITY	STRONTIUM 90
TRITIUM	

21102 NSA 30(08) JOURNAL

DATA. SECTION III. AIR AND DEPOSITION.
RADIAT. DATA REP., 15, 5, 269-279, MAY 1974.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

ATMOSPHERIC PRECIPITATIONS
CANADA
MEXICO
+PLUTONIUM 239
RADIOACTIVITY
SURFACE AIR
BETA SOURCES
FALLOUT
+PLUTONIUM 238
RADIATION MONITORING
SOUTH AMERICA
USA

21103 NSA 30(08) JOURNAL

DATA. SECTION III. AIR AND DEPOSITION.
RADIAT. DATA REP., 15, 6, 346-355, JUN 1974.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

ATMOSPHERIC PRECIPITATIONS
CALIFORNIA
FALLOUT
+PLUTONIUM 238
RADIATION MONITORING
SURFACE AIR
BETA SOURCES
CANADA
JAMAICA
+PLUTONIUM 239
SOUTH AMERICA
USA

21108 NSA 30(08) REPORT CONF-731117--8

EARLY SURVEILLANCE AROUND COASTAL NUCLEAR INSTALLATIONS.
FOLSOM, T.R.; HODGE, V.F. (SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CALIF. (USA)) 1973. 13P. DEP. NTIS $4.00. SYMPOSIUM ON ENVIRONMENTAL SURVEILLANCE AROUND NUCLEAR INSTALLATION, WARSAW, POLAND, 5 NOV 1973
+++
CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

AQUATIC ECOSYSTEMS
COASTAL WATERS
COBALT 60
ISOMERIC NUCLEI
+PLUTONIUM 238
POTASSIUM 40
RADIOACTIVE WASTE DISPOSAL
RADIOACTIVITY
REACTORS
SILVER 108
CESIUM 137
COBALT 58
CONTAMINATION
MARINE DISPOSAL
+PLUTONIUM 239
RADIATION MONITORING
RADIOACTIVE WASTES
RADIONUCLIDE MIGRATION
SAN ONOFRE-1 REACTOR
SILVER 110

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73

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21087	M	S	N	21102	M	S	N	21108	M	S	N
21095	M	S	N	21103	M	S	N	*******	M	S	N

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V125 PERKS, RUTH

PLUTONIUM

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 30(6) 30 SEPTEMBER 1974

15411 NSA 30(06) TRANSLATION TT--74-50011

LONG-LIVED ALPHA-RADIOACTIVITY IN FALLOUT AT VILNIUS AND AT VARIOUS ATLANTIC LATITUDES.
STYRO, B.I.; SHPIRKAUSKAITE, N.K.; GASYUNAS, V.N.; KUPTSOV, V.M.
TRANSLATED FROM RUSSIAN 1969. 201-207P. ALL-UNION CONFERENCE ON NUCLEAR METEOROLOGY, OBNINSK, USSR, 23 JUN 1969

+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

ALPHA SOURCES
ATLANTIC OCEAN
FALLOUT
RADIATION MONITORING
THORIUM 232
ALPHA SPECTROSCOPY
ATMOSPHERIC PRECIPITATIONS
+PLUTONIUM 239
RADIOACTIVE AEROSOLS
URANIUM 238

15422 NSA 30(06) JOURNAL

COMMENTS ON THE AUTORADIOGRAPHIC METHOD FOR OBTAINING PARTICLE SIZE DATA OF PLUTONIUM AEROSOLS.
SUNDARARAJAN, A.R.; DEWORM, J.P.; BERCKMANS, S. (CENTRE D*ETUDE DE L* ENERGIE NUCLEAIRE, MOL, BELGIUM) HEALTH PHYS., 27, 1, 137-139, JUL 1974.

+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AUTORADIOGRAPHY
INHALATION
PARTICLES
RADIATION DOSES
DUSTS
PARTICLE SIZE
+PLUTONIUM
RADIOACTIVE AEROSOLS

15423 NSA 30(06) JOURNAL

PLUTONIUM AEROSOL SIZE CHARACTERISTICS.
ELDER, J.C.; GONZALES, M.; ETTINGER, H.J. (LOS ALAMOS SCIENTIFIC LAB., NM) HEALTH PHYS., 27, 1, 45-53, JUL 1974.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AIR CLEANING	AIR FILTERS
EFFICIENCY	FABRICATION
FILTRATION	PARTICLE SIZE
+PLUTONIUM	RADIOACTIVE AEROSOLS
REPROCESSING	

15435 NSA 30(06) REPORT COO--3568-4

PLUTONIUM AND AMERICIUM CONCENTRATION ALONG FRESH WATER FOOD CHAINS OF THE GREAT LAKES, U.S.A. GENERAL SUMMARY OF PROGRESS, 1973--1974.
BOWEN, V.T. (WOODS HOLE OCEANOGRAPHIC INSTITUTION, MASS. (USA)) 1974. 47P. DEP. NTIS $5.50.
+++
CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

AMERICIUM 241	CESIUM 137
FISHES	FOOD CHAINS
GREAT LAKES	PLANKTON
PLANTS	+PLUTONIUM 239
+PLUTONIUM 240	RADIATION MONITORING
RADIOMETRIC ANALYSIS	SEDIMENTS
STRONTIUM 90	WATER

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73

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15411	M	S	N	15423	M	S	N	*******	M	S	N
15422	M	S	N	15435	M	S	N	*******	M	S	N

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NSA 3

23994

PLUTONIUM
FOLSOM,
JOLLA,
S.S.R.
MAY 197
+++
CAT. 4433

AQUATIC
FALLOUT
+PLUTONI
SEAS

25959

GESMO- GE
MIXED OXID
(USAEC
DEP. NT
+++
CAT. 7790
BWR TYP
ECONOMI
FUEL CY
NUCLEAR
PLUTONI
RADIOAC
URANIUM

GESMO- GENERIC ENVIRONMENTAL STATEMENT ON
MIXED OXIDE FUEL IN LWR*S. VOLUME 2. CH
(USAEC DIRECTORATE OF LICENSING, WASHING
DEP. NTIS $10.75.
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SA
BWR TYPE REACTORS
ENVIRONMENT
NUCLEAR MATERIALS MANAGEMENT
PLUTONIUM DIOXIDE
RADIOACTIVE WASTE MANAGEMENT
URANIUM DIOXIDE

25961 NSA 30(09) REPORT

GESMO- GENERIC ENVIRONMENTAL STATEMENT ON
MIXED OXIDE FUEL IN LWR*S. VOLUME 3. CH
(USAEC DIRECTORATE OF LICENSING, WASHING
DEP. NTIS $30.00.
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SA
BWR TYPE REACTORS
FABRICATION
+PLUTONIUM
PWR TYPE REACTORS
RADIOACTIVE WASTE MANAGEMENT
URANIUM DIOXIDE

25962 NSA 30(09) REPORT

GESMO- GENERIC ENVIRONMENTAL STATEMENT ON
MIXED OXIDE FUEL IN LWR*S. VOLUME 4. CH
XI.
(USAEC DIRECTORATE OF LICENSING, WASHING
DEP. NTIS $17.25.
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SA
BWR TYPE REACTORS
ENVIRONMENT
NUCLEAR MATERIALS MANAGEMENT
PLUTONIUM DIOXIDE
REPROCESSING

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73

VOL 30 ISS 9

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23994	M	S	N	25960	M	S	N	25962	M	S	N
25959	M	S	N	25961	M	S	N	*******	M	S	N

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PLUTONIUM

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/

VOL 30 ISS 3

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06503 M S N ******* M S N ******* M S N

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 30(3) 15 AUGUST 1974

06503 NSA 30(03) REPORT RFP-ENV--73

ANNUAL ENVIRONMENTAL MONITORING REPORT- ROCKY FLATS PLANT, JANUARY THROUGH DECEMBER 1973.
WERKEMA, G.J.: THOMPSON, M.A. (DOW CHEMICAL U.S.A., GOLDEN, COLO. ROCKY FLATS DIV.) 26 APR 1974. 37P. DEP. NTIS $5.00.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AMERICIUM 241
CONTAMINATION
HEALTH HAZARDS
+PLUTONIUM 239
RADIATION PROTECTION
RADIOACTIVITY
ROCKY FLATS PLANT
SURFACE WATERS
US AEC
COLORADO
ENVIRONMENT
NONRADIOACTIVE WASTES
RADIATION MONITORING
RADIOACTIVE WASTES
RECOMMENDATIONS
SURFACE AIR
TRITIUM
WATER POLLUTION

HUMAN POPULATIONS
LEAKS
+PLUTONIUM
RADIATION DOSES

HYDROFLUORIC ACID
LMFBR TYPE REACTORS
RADIATION ACCIDENTS
RADIOACTIVE WASTES

TANKS
USA

TRANSPORT
WASTE MANAGEMENT

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/

VOL 30 ISS 4

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11960 M S N 11961 M S N ******* M S N

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V125 PERKS, RUTH

PLUTONIUM

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 30(2) 31 JULY 1974

03168 NSA 30(02) JOURNAL

FALLOUT /SUP 240/PU AND /SUP 230/PU IN ATLANTIC MARINE SAMPLES.
NOSHKIN, V.E. JR.; GASTROUSIS, C. (WOODS HOLE OCEANOGRAPHIC INSTITUTION, MA) EARTH PLANET. SCI. LETT., 22, 2, 111-117, MAY 1974.
+++
CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

AQUATIC ECOSYSTEMS
ATMOSPHERIC EXPLOSIONS
BIOLOGICAL RADIATION EFFECTS
FALLOUT
NUCLEAR EXPLOSIONS
+PLUTONIUM 240
RADIATION MONITORING
SURFACE WATERS
ATLANTIC OCEAN
BIOGEOCHEMISTRY
DEPTH
MASS SPECTROSCOPY
+PLUTONIUM 239
QUANTITY RATIO
SEDIMENTATION

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/7

VOL 30 ISS 2

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03168 M S N ******* M S N ******* M S N

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V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/73 1
NSA 30(1) 15 JULY 1974

00295 NSA 30(01) REPORT HASL--281 AND APP.

FALLOUT PROGRAM. QUARTERLY SUMMARY REPORT, DECEMBER 1, 1973--MARCH 1, 1974.
HARDY, E.P. JR. (USAEC HEALTH AND SAFETY LAB., NEW YORK) 1 APR 1974. 742P. DEP. NTIS $13.60.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

ATMOSPHERIC EXPLOSIONS
ATMOSPHERIC PRECIPITATIONS
BETA SOURCES
BONE TISSUES
CERIUM 144
CESIUM 137
DIET
DISTRIBUTION
DRINKING WATER
FALLOUT
GLOBAL FALLOUT
MILK
NEW YORK CITY
NUCLEAR EXPLOSIONS
+PLUTONIUM 238
+PLUTONIUM 239
POLAND
RADIATION DOSES
RADIATION MONITORING
RADIOACTIVITY
RADIOCHEMICAL ANALYSIS
RADIOECOLOGICAL CONCENTRATION
RADIONUCLIDE KINETICS
STRATOSPHERE
STRONTIUM 90
SURFACE AIR
ZIRCONIUM 95

02070 NSA 30(01) BOOK / THESIS

ANALYSIS OF THE BEHAVIOR OF FISSION PRODUCT GAS IN SOLID FAST REACTOR OXIDE FUEL UNDER TRANSIENT HEATING CONDITIONS.
DIAS, J.W.C. LOS ANGELES, UNIV. OF CALIFORNIA, 1973. 253P. UNIVERSITY MICROFILMS ORDER NO. 73-32,057.
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

BUBBLES
COMPUTER CALCULATIONS
FAILURES
FAST REACTORS
FISSION PRODUCTS
FUEL PINS
GASES
HEAT TRANSFER
+PLUTONIUM OXIDES
SOLID FUELS

SWELLING
TRANSIENTS

TEMPERATURE DEPENDENCE
URANIUM DIOXIDE

02085 NSA 30(01) BOOK / THESIS

REACTION OF SODIUM WITH URANIUM--PLUTONIUM OXIDE AND URANIUM OXIDE FUELS.
BLACKBURN, P.E. BEHAVIOR AND CHEMICAL STATE OF IRRADIATED CERAMIC FUELS. VIENNA, INTERNATIONAL ATOMIC ENERGY AGENCY, 1974. 393-410P. PANEL ON THE BEHAVIOUR AND CHEMICAL STATE OF IRRADIATED CERAMIC FUELS, VIENNA, AUSTRIA, 7 AUG 1972
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

CHEMICAL REACTIONS
LMFBR TYPE REACTORS
+PLUTONIUM OXIDES
THERMODYNAMIC PROPERTIES
URANIUM DIOXIDE
FUEL-COOLANT INTERACTIONS
PHASE STUDIES
SODIUM
URANATES

02086 NSA 30(01) BOOK / THESIS

THERMODYNAMIC STUDIES OF THE SODIUM FUEL REACTION AT GENERAL ELECTRIC.
ADAMSON, M.G.; AITKEN, E.A.; EVANS, S.K. BEHAVIOR AND CHEMICAL STATE OF IRRADIATED CERAMIC FUELS. VIENNA, INTERNATIONAL ATOMIC ENERGY AGENCY, 1974. 411-420P. PANEL ON THE BEHAVIOUR AND CHEMICAL STATE OF IRRADIATED CERAMIC FUELS, VIENNA, AUSTRIA, 7 AUG 1972
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

CHEMICAL REACTIONS
LMFBR TYPE REACTORS
+PLUTONIUM OXIDES
SODIUM
URANIUM DIOXIDE
FUEL-COOLANT INTERACTIONS
OXYGEN
REVIEWS
THERMODYNAMICS

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/

VOL 30 ISS 1

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02070	M	S	N	02086	M	S	N	*******	M	S	N

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V125 PERKS, RUTH

PLUTONIUM

NSA/SDI NOTIFICATION

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V125 PERKS, RUTH DIS, WASHINGTON X4166 REV 8/30/73 1
NSA 29(12) 30 JUNE 1974

[redacted]

29315 NSA 29(12) REPORT ANL--8078

ENVIRONMENTAL MONITORING AT ARGONNE NATIONAL LABORATORY. ANNUAL REPORT, 1973.
SEDLET, J.; GOLCHERT, N.W.; DUFFY, T.L. (ARGONNE NATIONAL LAB., ILL. (USA)) MAR 1974. 88P. DEP. NTIS $5.45.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

ALPHA SOURCES	ANL
ARGON 41	BETA SOURCES
ENVIRONMENT	GAMMA RADIATION
GRASS	HUMAN POPULATIONS
ILLINOIS	MILK
NONRADIOACTIVE WASTES	PLANTS
+PLUTONIUM 238	+PLUTONIUM 239
RADIATION DOSES	RADIATION MONITORING
RADIOACTIVE WASTES	RADIOACTIVITY
RESEARCH REACTORS	SOILS
STRONTIUM 89	STRONTIUM 90
SURFACE AIR	SURFACE WATERS
THORIUM 228	THORIUM 230
THORIUM 232	TRITIUM
URANIUM	WATER POLLUTION

29316 NSA 29(12) REPORT BNWL--1850(PT.2)

SUSPENDED PARTICLE INTERACTION.
(BATTELLE PACIFIC NORTHWEST LABS., RICHLAND, WASH. (USA)) JAN 1974. 51-56P.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

DEPOSITION	EARTH ATMOSPHERE
FALLOUT	PLANTS
+PLUTONIUM	RADIATION HAZARDS
RADIOACTIVE AEROSOLS	SURFACES

WIND TUNNELS

29320 NSA 29(12) REPORT LA--5520-MS

RELATIONSHIP BETWEEN AIR SAMPLING DATA FROM GLOVE BOX WORK AREAS AND INHALATION RISK TO THE WORKER.
GONZALES, M.; ETTINGER, H.J.; STAFFORD, R.G.; BRECKINRIDGE, C.E. (LOS ALAMOS SCIENTIFIC LAB., N.MEX. (USA)) MAR 1974. 12P. DEP. NTIS $4.00.

+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AEROSOL MONITORING
EFFICIENCY
GLOVEBOXES
LEAKS
PARTICLE SIZE
PERSONNEL
+PLUTONIUM 238
RADIATION HAZARDS
RADIOACTIVE AEROSOLS
AIR SAMPLERS
ENVIRONMENT
INHALATION
MOCKUP
PERFORMANCE TESTING
+PLUTONIUM OXIDES
+PLUTONIUM 239
RADIATION MONITORING
TRACER TECHNIQUES

29325 NSA 29(12) REPORT NVO--410-22

ENVIRONMENTAL RADIOACTIVITY AT THE NEVADA TEST SITE, JULY 1967 THROUGH JUNE 1968.
(REYNOLDS ELECTRICAL AND ENGINEERING CO., INC., LAS VEGAS, NEV. (USA). ENVIRONMENTAL SCIENCES DEPT.) JUL 1969. 89P. DEP. NTIS $5.45.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

BETA SOURCES
FALLOUT
GROUND WATER
PLANTS
RADIATION MONITORING
SOILS
SURFACE WATERS
ENVIRONMENT
GAMMA SOURCES
NEVADA TEST SITE
+PLUTONIUM
RADIOACTIVITY
SURFACE AIR

29332 NSA 29(12) REPORT UCRL--51547

ENVIRONMENTAL LEVELS OF RADIOACTIVITY IN THE VICINITY OF THE LAWRENCE LIVERMORE LABORATORY. 1973 ANNUAL REPORT.
SILVER, W.J.; LINDEKEN, C.L.; MEADOWS, J.W.; HUTCHIN, W.H.; MCINTYRE, D. R. (CALIFORNIA UNIV., LIVERMORE (USA). LAWRENCE LIVERMORE LAB.) 4 MAR 1974. 49P. DEP. NTIS $4.00.
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

BETA SOURCES
DIET

ENVIRONMENT
GAMMA RADIATION
LAWRENCE LIVERMORE LABORATORY
+PLUTONIUM 238
RADIATION DOSES
RADIOACTIVITY
SOILS
SURFACE AIR
TRITIUM
URANIUM 238
FALLOUT
HUMAN POPULATIONS
PLANTS
+PLUTONIUM 239
RADIATION MONITORING
RADIONUCLIDE KINETICS
STRONTIUM 90
SURFACE WATERS
URANIUM 235

29333 NSA 29(12) REPORT UCRL--75484

RESUSPENSION OF PLUTONIUM- A PROGRESS REPORT.
ANSPAUGH, L.R.; PHELPS, P.L.; KENNEDY, N.C.; BOOTH, H.G.; GOLUBA, R.W.; REICHMAN, J.R.; KOVAL, J.S. (CALIFORNIA UNIV., LIVERMORE (USA). LAWRENCE LIVERMORE LAB.) 19 FEB 1974. 62P. DEP. NTIS $5.25.

+++

CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AEROSOL MONITORING
AMERICIUM 241
EARTH ATMOSPHERE
METEOROLOGY
NUCLEAR EXPLOSIONS
+PLUTONIUM
+PLUTONIUM 239
RADIATION HAZARDS
RADIOACTIVE AEROSOLS
RESEARCH PROGRAMS
SOILS
WIND
AIR SAMPLERS
DISTRIBUTION
FALLOUT
NEVADA TEST SITE
PARTICLE SIZE
+PLUTONIUM 238
+PLUTONIUM 240
RADIATION MONITORING
RADIONUCLIDE MIGRATION
SCHOONER EVENT
USA

29334 NSA 29(12) BOOK / THESIS

WIND-DRIVEN REDISTRIBUTION OF SURFACE-DEPOSITED RADIOACTIVITY.
ANSPAUGH L.R. (UNIV. OF CALIFORNIA, LIVERMORE); PHELPS, P.L.; KENNEDY, N.C.; BOOTH, H.G. ENVIRONMENTAL BEHAVIOR OF RADIONUCLIDES RELEASED IN THE NUCLEAR INDUSTRY. VIENNA, INTERNATIONAL ATOMIC ENERGY AGENCY, 1973. 167-184P. SEE STI/PUB--345: CONF-730503--, SYMPOSIUM ON ENVIRONMENTAL BEHAVIOUR OF RADIONUCLIDES RELEASED IN THE NUCLEAR INDUSTRY, AIX-EN-PROVENCE, FRANCE, 14 MAY 1973

+++

CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

DIFFUSION
EARTH CRUST
HUMAN POPULATIONS
METEOROLOGY
RADIATION HAZARDS
RADIOACTIVE AEROSOLS
SCHOONER EVENT
WIND
EARTH ATMOSPHERE
FALLOUT DEPOSITS
INHALATION
+PLUTONIUM 239
RADIATION MONITORING
RADIONUCLIDE MIGRATION
TUNGSTEN 181

29349 NSA 29(12) REPORT BNWL--1850(PT.2)

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS.
(BATTELLE PACIFIC NORTHWEST LABS., RICHLAND, WASH. (USA)) JAN 1974.
108-115P.

+++

CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

ANTARCTICA
BERYLLIUM 7
COASTAL WATERS
LIVER
PACIFIC OCEAN
+PLUTONIUM 239
RADIONUCLIDE KINETICS
TRACE AMOUNTS
WASHINGTON
ATLANTIC OCEAN
BIRDS
COBALT 60
MAMMALS
+PLUTONIUM 238
RADIATION MONITORING
SEDIMENTS
UPTAKE

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/

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29315	M	S	N	29325	M	S	N	29334	M	S	N
29316	M	S	N	29332	M	S	N	29349	M	S	N
29320	M	S	N	29333	M	S	N	*******	M	S	N

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NATURAL OCCURRENCE OF LANTHANIDES, ACTINIDES, AND SUPERHEAVY ELEMENTS.
KELLER, C. (KERNFORSCHUNGSZENTRUM, KARLSRUHE, GER.) CHEM. ZTG., 97, 10, 522-530, OCT 1973.

+++

CAT. 4410 ENVIRONMENTAL AND EARTH SCIENCES */* MINERALS AND ORES

ACTINIDES
ISOTOPE RATIO
METEORITES
NATURAL OCCURRENCE
ORES
+PLUTONIUM 244
RARE EARTHS
URANIUM
GABON
LUNAR MATERIALS
MINERALS
NEPTUNIUM 237
+PLUTONIUM 239
PROMETHIUM 147
TRANS 104 ELEMENTS

20865 NSA 29(09) REPORT LA--5482-PR

CONTAMINATION LIMITS FOR REAL AND PERSONAL PROPERTY. PROGRESS REPORT FOR THE PERIOD JANUARY--JUNE 1973.
HEALY, J.W. (LOS ALAMOS SCIENTIFIC LAB., N.MEX. (USA)) JAN 1974. 58P.
DEP. NTIS $4.00.

+++

CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

DIFFUSION
PHYSICAL PROPERTIES
RADIONUCLIDE MIGRATION
SURFACE AIR
WIND
EARTH CRUST
+PLUTONIUM
SOILS
SURFACE CONTAMINATION

EVALUATION SHEET

V125 PERKS, RUTH OIS, WASHINGTON X4166 REV 8/30/

VOL 29 ISS 9

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20854 M S N 20865 M S N ******* M S N

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V125 VORESS, H.E.

NSA/SDI NOTIFICATION

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V125 VORESS, H.E. CIS, WASHINGTON REV 8/30/73 1
NSA 29(3) 30 APRIL 1974

18363 NSA 29(08) JOURNAL

DATA. SECTION II. WATER.
RADIAT. DATA REP., 15, 1, 13-19, JAN 1974.
+++
CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

ALPHA SOURCES
CALIFORNIA
DRINKING WATER
GROUND WATER
+PLUTONIUM 238
RADIATION MONITORING
RADIUM 226
STRONTIUM 90
URANIUM 234
URANIUM 238
BETA SOURCES
CESIUM 137
FALLOUT
NEVADA
+PLUTONIUM 239
RADIOACTIVITY
STRONTIUM 89
SURFACE WATERS
URANIUM 235
UTAH

EVALUATION SHEET

V125 VORESS, H.E. CIS, WASHINGTON REV 8/30/7

VOL 29 ISS 8

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18363 M S N ******* M S N ******* M S N

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V125 VORESS, H.E.

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V125 VORESS, H.E. OIS, WASHINGTON REV 8/30/73 1
NSA 29(7) 15 APRIL 1974

15559 NSA 29(07) BOOK / THESIS

ANOMALIES OF THE NATURAL ISOTOPIC ABUNDANCE OF /SUP 239/PU.
MEIER, H.; BOESCHE, D.; ALBRECHT, W.; HECKER, W.; MENGE, P.; UNGER, E.;
ZEITLER, G.; ZIMMERHACKL, E. 1973. VP. (IN GERMAN) 24. IUPAC CONGRESS,
HAMBURG, GER., 2 SEP 1973

+++

CAT. 4410 ENVIRONMENTAL AND EARTH SCIENCES */* MINERALS AND ORES

GEOCHEMISTRY
ISOTOPE RATIO
NATURAL OCCURRENCE
+PLUTONIUM 238
SEDIMENTARY ROCKS
TRACER TECHNIQUES
URANIUM 238
IGNEOUS ROCKS
MINERALS
NATURAL RADIOACTIVITY
+PLUTONIUM 239
SEPARATION PROCESSES
TRANS 104 ELEMENTS

EVALUATION SHEET

V125 VORESS, H.E. OIS, WASHINGTON REV 8/30/7

VOL 29 ISS 7

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V125 VORESS, H.E. OIS, WASHINGTON REV 8/30/73 1
NSA 29(6) 31 MARCH 1974

14735 NSA 29(06) REPORT HEDL-TME--73-5(VOL.2)

HEDL QUARTERLY TECHNICAL REPORT, JULY--SEPTEMBER 1973. VOLUME 2.
REACTOR AND SAFETY ENGINEERING.
GRACE, J.N. (HANFORD ENGINEERING DEVELOPMENT LAB., RICHLAND, WASH. (USA)
) OCT 1973. 152P. AT
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

CONFIGURATION	DESIGN
FFTF REACTOR	MOCKUP
+PLUTONIUM OXIDES	REACTIVITY WORTHS
REACTOR CORE DISRUPTION	REACTOR CORES
REACTOR KINETICS	REACTOR SAFETY
RESEARCH PROGRAMS	SHIELDING
URANIUM DIOXIDE	ZPR-9 REACTOR

EVALUATION SHEET

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V125 VORESS, H.E. OIS, WASHINGTON REV 8/30/73 1
NSA 29(5) 15 MARCH 1974

11995 NSA 29(05) REPORT CEA-CONF--2419

STUDY OF THE REACTIONS BETWEEN (U,PU)C/SUB 2/ FUEL AND SODIUM.
HOUSSEAU, M.; MARIN, J.F.; ANSELIN, F.; DEAN, G. (CEA CENTRE D*ETUDES NUCLEAIRES DE FONTENAY-AUX-ROSES, 92 (FRANCE)) [ND . 26P. (IN FRENCH) DEP. NTIS (U.S. SALES ONLY) $3.50. SYMPOSIUM ON FUEL AND ELEMENTS FOR FAST REACTORS, BRUSSELS, BELGIUM, 2 JUL 1973
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

CHEMICAL REACTIONS	DIFFUSION
FAILURES	FISSION PRODUCTS
FUEL CANS	FUEL-COOLANT INTERACTIONS
+PLUTONIUM OXIDES	RAPSODIE REACTOR
SODIUM	URANIUM DIOXIDE

12022 NSA 29(05) REPORT INIS-MF--862

THEORETICAL DIAGNOSIS OF MAXIMUM CREDIBLE ACCIDENT AND ENERGY RELEASES IN PURNIMA.
GARG, S.B. (BHABHA ATOMIC RESEARCH CENTRE, BOMBAY (INDIA)) 1973. 8P.
INIS SYMPOSIUM ON NUCLEAR SCIENCE AND ENGINEERING, BOMBAY, INDIA, 13 MAR 1973
+++
CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

ENERGY LOSSES	EQUATIONS OF STATE
MELTDOWN	+PLUTONIUM OXIDES
PURNIMA REACTOR	

12025 NSA 29(05) REPORT INIS-MF--865

AEROSOL STUDIES RELATING TO FAST REACTOR SAFETY.
KOTRAPPA, P. (BHABHA ATOMIC RESEARCH CENTRE, BOMBAY (INDIA)) 1973. 7P.
INIS SYMPOSIUM ON NUCLEAR SCIENCE AND ENGINEERING, BOMBAY, INDIA, 13

MAR 1973

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CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

AIR POLLUTION
ENVIRONMENT
FISSION PRODUCTS
RADIOACTIVE AEROSOLS
REACTOR ACCIDENTS
REACTOR SAFETY
SAFETY
SODIUM COOLED REACTORS
DIFFUSION
FAST REACTORS
+PLUTONIUM
RADIONUCLIDE MIGRATION
REACTOR OPERATION
REACTOR SHUTDOWN
SODIUM
URANIUM

EVALUATION SHEET

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V125 VORESS, H.E. OIS, WASHINGTON REV 8/30/73 1
NSA 29(4) 28 FEBRUARY 1974

09486 NSA 29(04) REPORT HEDL-SA--510

EXPERIMENTAL METHODS FOR OBSERVING THE MELTING BEHAVIOR OF IRRADIATED FUELS.
SLAGLE, O.D.; HINMAN, C.A.; WEBER, E.T. (HANFORD ENGINEERING DEVELOPMENT LAB., RICHLAND, WASH. (USA)) 1973. 13P. DEP. NTIS $3.00. AMERICAN CERAMICS SOCIETY NUCLEAR DIVISION MEETING, SAN FRANCISCO, CALIFORNIA, USA, 29 OCT 1973

+++

CAT. 7790 REACTOR TECHNOLOGY */* REACTOR SAFETY AND ENVIRONMENTAL ASPECTS

FAILURES
FUEL ELEMENTS
MECHANICAL STRUCTURES
MELTING
+PLUTONIUM OXIDES
TELEVISION
URANIUM DIOXIDE
FBR TYPE REACTORS
LMFBR TYPE REACTORS
MELTDOWN
PHYSICAL PROPERTIES
REACTOR SAFETY
TESTING

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V125 VORESS, H.E. OIS, WASHINGTON REV 8/30/73 1
NSA 29(1) 15 JANUARY 1974

00385 NSA 29(01) REPORT LA-UR--73-954

MATHEMATICAL MODEL FOR THE TRANSPORT OF ENVIRONMENTAL PLUTONIUM.
TRAVIS, J.R. (LOS ALAMOS SCIENTIFIC LAB., N.MEX. (USA)) [ND . 7P. DEP. NTIS $3.00. JOINT MEETING OF THE AMERICAN NUCLEAR SOCIETY AND THE ATOMIC INDUSTRIAL FORUM AND NUCLEAR ENERGY EXHIBITION, SAN FRANCISCO, CALIFORNIA, USA, 11 NOV 1973

+++

CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AEROSOLS
EARTH ATMOSPHERE
MATHEMATICAL MODELS
+PLUTONIUM
TRANSPORT
DIFFUSION
ENVIRONMENT
PARTICLES
RADIONUCLIDE MIGRATION

00394 NSA 29(01) REPORT COO--3563-14

FALLOUT RADIONUCLIDES IN OCEANIC WATER COLUMNS. SEMI-ANNUAL PROGRESS REPORT TO GEOSECS.
VOLCHOK, H.L.; BOWEN, V.T. (USAEC HEALTH AND SAFETY LAB., NEW YORK; WOODS HOLE OCEANOGRAPHIC INSTITUTION, MASS. (USA)) 1973. 23P. DEP. NTIS $3.25.

+++

CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

ATLANTIC OCEAN
DATA
+PLUTONIUM 239
RADIOACTIVITY
SEAWATER
TEMPERATURE DISTRIBUTION
CESIUM 137
FALLOUT DEPOSITS
RADIATION MONITORING
SALINITY
STRONTIUM 90

THE DOCUMENTS

NSA 29(21) BOOK / THESIS

FLUENCE OF THE PHYSICO-CHEMICAL FORMS OF RADIONUCLIDES AND STABLE TRACE ELEMENTS IN SEAWATER IN RELATION TO UPTAKE BY THE MARINE BIOSPHERE.
ROBERTSON, D.E. MARINE RADIOECOLOGY. PARIS, ORGANIZATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT, 1972. 21-93P. SEE CONF-710988--, MARINE RADIOECOLOGY SYMPOSIUM, HAMBURG, F.R. GERMANY, 20 SEP 1971

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CAT. 4433 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* WATER

ANIMALS
CHEMICAL PROPERTIES
FALLOUT DEPOSITS
PARTICLES
PLANTS
RADIOACTIVE WASTES
RUTHENIUM 106
SOLUTIONS
ZINC 65
BIOSPHERE
COLLOIDS
IRON 55
PHYSICAL PROPERTIES
+PLUTONIUM 239
RADIOISOTOPES
SEAS
UPTAKE

EVALUATION SHEET

V125 VORESS, H.E. DIS, WASHINGTON REV 8/30/

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V125 VORESS, H.E. DIS, WASHINGTON REV 8/30/73 1
NSA 29(3) 15 FEBRUARY 1974

05124 NSA 29(03) JOURNAL

LOS ALAMOS SCIENTIFIC LABORATORY*S ENVIRONMENTAL MONITORING PROGRAM- AN OVERVIEW WITH EMPHASIS ON ENVIRONMENTAL DOSIMETRY.
HERCEG, J.E.; JOHNSON, L.J. (LOS ALAMOS SCIENTIFIC LAB., NM) TRANS. AMER. NUCL. SOC., 17, 541-542, NOV 1973. SEE CONF-731101--, JOINT MEETING OF THE AMERICAN NUCLEAR SOCIETY AND THE ATOMIC INDUSTRIAL FORUM AND NUCLEAR ENERGY EXHIBITION, SAN FRANCISCO, CALIFORNIA, USA, 11 NOV 1973
+++
CAT. 4431 ENVIRONMENTAL AND EARTH SCIENCES */* RADIOACTIVITY MONITORING AND TRANSPORT */* ATMOSPHERE

AMERICIUM 241	DOSIMETRY
ENVIRONMENT	LASL
+PLUTONIUM 239	RADIATION MONITORING
SEDIMENTS	SOILS
SURFACE AIR	SURFACE WATERS

EVALUATION SHEET

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INFORMAL REPORT

A Twenty-Seven Year Study of Selected Los Alamos Plutonium Workers

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