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RADIOACTIVE FALLOUT

A Literature Search

Compiled by  
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April 1959

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## RADIOACTIVE FALLOUT

Introduction

This literature search was compiled to fill a specific request. It is being issued in report form because of the general interest in its subject.

Included are 514 references on dispersal and fallout of radioactive debris from nuclear explosions. It supplements the bibliography cited in the 1957 Congressional Fallout Hearings.

The references are divided into three parts: AEC reports, non-AEC reports, and published articles. Report references are arranged alphabetically by corporate author and alphanumerically by report number. Published references are arranged alphabetically by title.

The reports referenced in the first part (AEC reports) can be examined at the AEC depository libraries listed in each issue of Nuclear Science Abstracts. They can also be purchased from the Office of Technical Services (OTS), Department of Commerce, Washington 25, D. C. A full size printed copy is available for the reports having a single price listed; other reports are available as photostat (ph) or microfilm (mf) copies. If no price is shown, a quotation may be obtained by writing OTS. In addition, microcopies of these reports may be available. Requests concerning the purchase of unclassified AEC reports in this form should be directed to the following organizations:

Microcard Foundation  
P. O. Box 2145  
Madison 5, Wisconsin

Readex Microprint Corporation  
100 Fifth Avenue  
New York 11, New York

A few of the non-AEC reports are available either from OTS (see above), from the British Information Service (BIS), 45 Rockefeller Plaza, New York, N. Y., or from the Scientific Document Distribution Office, Atomic Energy of Canada Limited (AECL), Chalk River, Ontario, Canada, but information concerning the availability of non-AEC reports generally will have to be sought from the issuing agencies.

Journals are cited for each of the published references.

AEC Reports

Argonne National Lab., Lemont, Ill.

THE INFLUENCE OF STRONTIUM-90 UPON LIFE SPAN AND NEOPLASMS OF MICE. Miriam P. Finkel, Birute O. Biskis, and Gertrude M. Scribner. 11p. (A/CONF.15/P/911)  
(UNCLASSIFIED) \$0.50(OTS).

Argonne National Lab., Lemont, Ill.

RADIOLOGICAL PHYSICS DIVISION SEMIANNUAL REPORT FOR JULY THROUGH DECEMBER 1957. Feb. 1958. 230p. (ANL-5829) UNCLASSIFIED \$5.50(OTS).

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ON THE STRATOSPHERIC Sr<sup>90</sup> FALLOUT. P. K. Kuroda. Oct. 1958. 40p. (ANL-5920) UNCLASSIFIED \$1.25(OTS).

ENVIRONMENTAL RADIOACTIVITY AT ARGONNE NATIONAL LABORATORY. Report for Year 1957. J. Sedlet. Oct. 1958. 42p. (ANL-5934) UNCLASSIFIED \$1.25(OTS).

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A LIST OF REFERENCES ON CESIUM-137. United States Reports, Articles and Speeches. 1958. 4p. (WASH-1004) UNCLASSIFIED.

A SELECTED LIST OF REFERENCES ON RADIOACTIVE FALLOUT. Alfred W. Klement, Jr., comp. Feb. 14, 1958. 8p. (WASH-1005) UNCLASSIFIED.

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QUARTERLY PROGRESS REPORT FOR JULY 1 - SEPTEMBER 30, 1957. 56p. (BNL-473) UNCLASSIFIED \$1.75(OTS).

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MARCH 1957 MEDICAL SURVEY OF RONGELAP AND UTIRIK PEOPLE THREE YEARS AFTER EXPOSURE TO RADIOACTIVE FALLOUT. Robert A. Conard, Leo M. Meyer, J. Edward Rall, Austin Lowery, Sven A. Bach, Branford Cannon, Edwin L. Carter, Maynard Eicher, and Hyman Hechter. June 1958. 29p. (BNL-501) UNCLASSIFIED \$1.00(OTS).

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FALLOUT RADIATION: EFFECTS ON THE SKIN. Robert A. Conard, Eugene P. Cronkite, and Victor P. Bond. July 22, 1957. 28p. (BNL-3298) UNCLASSIFIED.

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ATOMIC BOMB FALLOUT AND ITS IMPLICATIONS. Victor P. Bond. Nov. 5, 1957. 13p.  
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Patricia Durbin and Hardin Jones. 4p. (A/CONF.15/P/887; UCRL-8083)  
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Patricia W. Durbin, Marshall W. Parrott, Marilyn H. Williams, Muriel E.  
Johnston, C. Willet Asling, and Joseph G. Hamilton. Jan. 7, 1957. 26p.  
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TO OCTOBER 1956. Margaret R. White. Mar. 1, 1957. 15p. (UCRL-3703)  
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FALLOUT AND NATURAL BACKGROUND IN THE SAN FRANCISCO BAY AREA. H. Wade  
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E. M. Romney, J. W. Neel, G. M. LeRoy, A. J. Steen, and K. H. Larson.  
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BETA SKIN-DOSE MEASUREMENTS BY SPECIALLY DESIGNED FILM-PACK DOSIMETERS.  
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DISPERSAL OF FALLOUT BY MEANS OF A HEAT SOURCE. Kenneth L. Shipley. Mar. 1958.  
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