

ON THE CORRELATION BETWEEN FUEL STRUCTURE AND MECHANICAL PROPERTIES OF UO₂

H. Blank, R. Mandler, Hj. Matzke, J. Routbort*, P. Werner

Commission of the European Communities
Joint Research Centre
Karlsruhe Establishment
European Institute for Transuranium Elements
Postfach 2266
D-7500 Karlsruhe
Federal Republic of Germany

CONF-820360--3

DE83 007631

OCTOBER 1982

Distribution

- F. Adams (Info. Copy) ✓
- B. R. T. Frost
- H. Wiedersich
- L. Stefanski
- J. L. Routbort
- L. Ianniello

By acceptance of this article, the publisher or recipient acknowledges the U.S. Government's right to retain a nonexclusive, royalty-free license in and to any copyright covering the article.

NOTICE

THIS REPORT IS HELD TO A DEGREE THAT PRECLUDES SATISFACTORY REPRODUCTION

*Permanent address: Materials Science Division, Argonne National Laboratory, Argonne, Illinois 60439, USA.

This work is being presented at the IAEA Specialists Meeting on water reactor fuel performance computer modelling, Preston U.K. March 14-19, 1982. (Accepted for publication).

Work supported by the U. S. Department of Energy.

MASTER

DISTRIBUTION OF THIS DOCUMENT IS LIMITED

LEGIBILITY NOTICE

A major purpose of the Technical Information Center is to provide the broadest possible dissemination of information contained in DOE's Research and Development Reports to business, industry, the academic community, and federal, state, and local governments. Non-DOE originated information is also disseminated by the Technical Information Center to support ongoing DOE programs.

Although large portions of this report are not reproducible, it is being made available only in paper copy form to facilitate the availability of those parts of the document which are legible. Copies may be obtained from the National Technical Information Service. Authorized recipients may obtain a copy directly from the Department of Energy's Technical Information Center.