

PACKAGE ID - 000411IPS0200 CHERNOLITTM

KWIC TITLE - Chernobyl Bibliographic Search System

AUTHORS - Caff, F., Jr.
Pacific Northwest Lab., Richland, WA (United States)

Kennedy, R.A.
Pacific Northwest Lab., Richland, WA (United States)

Mahaffey, J.A.
Pacific Northwest Lab., Richland, WA (United States)

LIMITATION CODE -COPY **AUDIENCE CODE** - LIM

COMPLETION DATE - 05/11/1992 **PUBLICATION DATE** - 03/02/1992

DESCRIPTION - The Chernobyl Bibliographic Search System (Chernolit TM) provides bibliographic data in a usable format for research studies relating to the Chernobyl nuclear accident that occurred in the former Ukrainian Republic of the USSR in 1986. Chernolit TM is a portable and easy to use product. The bibliographic data is provided under the control of a graphical user interface so that the user may quickly and easily retrieve pertinent information from the large database. The user may search the database for occurrences of words, names, or phrases; view bibliographic references on screen; and obtain reports of selected references. Reports may be viewed on the screen, printed, or accumulated in a folder that is written to a disk file when the user exits the software. Chernolit TM provides a cost-effective alternative to multiple, independent literature searches. Forty-five hundred references concerning the accident, including abstracts, are distributed with Chernolit TM. The data contained in the database were obtained from electronic literature searches and from requested donations from individuals and organizations. These literature searches interrogated the Energy Science and Technology database (formerly DOE ENERGY) of the DIALOG Information Retrieval Service. Energy Science and Technology, provided by the U.S. DOE, Washington, D.C., is a multi-disciplinary database containing references to the world's scientific and technical literature on energy. All unclassified information processed at the Office of Scientific and Technical Information (OSTI) of the U.S. DOE is included in the database. In addition, information on many documents has been manually added to Chernolit TM. Most of this information was obtained in response to requests for data sent to people and/or organizations throughout the world.

PACKAGE CONTENTS - Media Directory; Software Abstract; PNL-7992;

SOURCE CODE INCLUDED? - No

MEDIA QUANTITY - 3 3.5 Diskettes

PACKAGE ID - 000411IPS0200 CHERNOLITTM

METHOD OF SOLUTION - Chernolit TM has been implemented as a FoxPro 2.0 run-time application consisting of pull-down menus, shortcut keys, text buttons, and dialog boxes as well as the bibliographic database.

COMPUTER - IBM PS/2

OPERATING SYSTEMS - This software operates successfully under MS-DOS or PC-DOS 3.3 or later version. Chernolit TM was not designed to operate under Windows.

PROGRAMMING LANGUAGES - FoxPro Version 2.0, FoxPro Distribution Kit

SOFTWARE LIMITATIONS - Up to three search criteria may be logical compounded (i.e., 'AND'ed or 'OR'ed). Each search criteria may be up to 33 characters in length.

SOURCE CODE AVAILABLE (Y/N) - N

UNIQUE FEATURES - None

RELATED SOFTWARE - This stand-alone system is provided in compressed format on floppy disks. An automatic install procedure loads the application onto the user's computer.

OTHER PROG/OPER SYS INFO - A minimum of 525 kilobytes of available random access memory (RAM) is necessary to execute Chernolit TM. Additional available RAM may be required if large numbers of references are added to the folder during a run.

HARDWARE REQS - Chernolit TM will run on an IBM PS/2, AT, or fully-IBM-compatible computer configured with either a 5-1/4 inch or 3-1/2 inch high density floppy disk drive with at least one hard disk or removable disk with a minimum of 8 megabytes of free disk space. For best performance, use of a mouse is recommended. If printed reports are desired, a printer must be available to the computer.

TIME REQUIREMENTS - A few to several seconds for a given search, based on the computer hardware, the number of fields being searched, the field size, and the number of records searched for a given match.

REFERENCES - Carr, F., Jr., R.A. Kennedy, and J.A. Mahaffey. 1992. Chernolit TM - Chernobyl Bibliographic Search System User's Manual. PNL-7992. Pacific Northwest Laboratory, Richland, WA.

ABSTRACT STATUS - Abstract first submitted May 1992.

SUBJECT CLASS CODE - MG

KEYWORDS -

E S T S C
ENERGY SCIENCE & TECHNOLOGY SOFTWARE CENTER
SOFTWARE ABSTRACT

PAGE 3
DATE 03/08/2002

PACKAGE ID - 000411IPS0200 CHERNOLITTM

C CODES
INFORMATION RETRIEVAL
REACTOR ACCIDENTS
CHERNOBYLSK-4 REACTOR
COMPUTER PROGRAM DOCUMENTATION
DATA BASE MANAGEMENT

EDB SUBJECT CATEGORIES -
990200 990300 210300

SPONSOR - DOE/ER

PACKAGE TYPE - AS - IS