NRC STAFF
USER'S GUIDE FOR PROTOTYPE OF TECHNICAL REFERENCE DOCUMENT DATABASE SYSTEM (TDOCS)

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CONTENTS

Section Page

FIGURES v
ABBREVIATIONS vii
ACKNOWLEDGMENTS ix

1 INTRODUCTION 1-1
1.1 ADVANCED COMPUET SYSTEM AND DOCUMENT MANAGEMENT 1-1
1.2 TECHNICAL REFERENCE DOCUMENT DATABASE SYSTEM DOCUMENT SETS 1-1
1.3 PRIMARY FUNCTIONS 1-2
1.3.1 Searching and Retrieving Records 1-2
1.3.2 Displaying and Printing Records 1-2
1.3.3 Using Cut and Paste Facilities 1-2

2 GUIDELINES FOR USER ACCESS TO THE TECHNICAL REFERENCE DOCUMENT DATABASE 2-1
2.1 TYPOGRAPHIC CONVENTIONS 2-1
2.2 DEFINITIONS 2-1
2.3 GRAPHICAL USER INTERFACE CONTROLS AND FEATURES 2-2
2.4 SOURCES OF ASSISTANCE 2-7
2.5 GETTING STARTED 2-7
2.6 TECHNICAL DOCUMENT DATABASE MAIN MENU 2-7
2.7 MAIN MENU—OPERATIONS ENTRY 2-8
2.8 MAIN MENU—SEARCH ENTRY 2-9
2.8.1 Accessing the Full-Text Search Facilities 2-9
2.8.2 TOPIC Main Menu 2-10
2.8.2.1 TOPIC Main Menu—File Entry 2-11
2.8.2.2 TOPIC Main Menu—Edit Entry 2-19
2.8.2.3 TOPIC Main Menu—View Entry 2-22
2.8.2.4 TOPIC Main Menu—Query Entry 2-24
2.8.2.5 TOPIC Main Menu—Launch Entry 2-29
2.8.2.6 Formulating Simple Queries 2-30
2.8.3 Entering a Simple Query 2-31
2.8.4 Entering Form Queries 2-32
2.8.4.1 Selecting the Form Query Entry Mode 2-32
2.8.4.2 Using a Form Query 2-33
2.8.5 Selecting Documents for Viewing from the Results List 2-33
2.8.6 Viewing Selected Documents 2-35
2.8.7 Launching WordPerfect 2-38
2.8.8 Displaying Images 2-38
2.8.9 Exiting From the Record Search Facility 2-40
2.9 MAIN MENU—HELP ENTRY 2-40

3 REFERENCES 3-1

APPENDIX

ERROR MESSAGES A

FIGURES

Figure		Page
2-1	Sample screen for Unix workstation	2-5
2-2	Sample screen for DOS Windows—TDOCS desktop group icon	2-6
2-3	Sample screen for DOS Windows—TDOCS application icon	2-6
2-4	TDOCS main menu	2-8
2-5	Operations pull-down menu	2-8
2-6	Search—pull-down menu	2-9
2-7	Search—TDOCS cascading menu	2-10
2-8	TOPIC main menu—query entry screen	2-11
2-9	TOPIC—File pull-down menu	2-12
2-10	TOPIC—Open Query screen	2-14
2-11	TOPIC—Save Query screen	2-14
2-12	TOPIC—Page Setup screen	2-15
2-13	TOPIC—Print screen	2-16
2-14	TOPIC—close screen	2-18
2-15	TOPIC—exit screen	2-19
2-16	TOPIC—Edit pull-down menu	2-20
2-17	TOPIC—View pull-down menu	2-22
2-18	TOPIC—Sort Specification screen	2-23
2-19	TOPIC—Query pull-down menu	2-24
2-20	TOPIC—Assists options screen	2-26
2-21	TOPIC—Query Type cascading menu	2-26
2-22	TOPIC—query Options screen	2-27
2-23	TOPIC—Source Selection screen	2-28
2-24	TOPIC—Launch pull-down menu	2-29
2-25	TOPIC—entry screen for form queries	2-32
2-26	TOPIC—query results list	2-34
2-27	TOPIC—document display	2-36
2-28	TOPIC—Navigation pull-down menu	2-37
2-29	TOPIC—navigation facilities—Find Text entry screen	2-38
2-30	TOPIC—document display	2-39
2-31	TOPIC—image display	2-39
2-32	TDOCS—Help pull-down menu	2-40
2-33	Help Index window	2-41

ABBREVIATIONS

ACS	Advanced Computer System
CNWRA	Center for Nuclear Waste Regulatory Analyses
DWM	Division of Waste Management
GUI	Graphical User Interface
HLW	High-Level Radioactive Waste
NIST	National Institute of Science and Technology
NMSS	Office of Nuclear Material Safety & Safeguards
NRC	Nuclear Regulatory Commission
NTD	NRC Technical Document
NUREG	Nuclear Regulatory Commission Technical Documents
STP	Staff Technical Position
TDI	Technical Document Index
TDOCS	Technical Reference Document Database System

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- MOTIF is a trademark of Open Software Foundation
- TOPIC is a trademark of Verity, Inc.
- Windows is a trademark of Microsoft Corp.
- WordPerfect is a trademark of WordPerfect Corp.

The Technical Reference Document Database System has been developed in accordance with the software control and documentation requirements of the CNWRA Quality Assurance Manual.

1 INTRODUCTION

1.1 ADVANCED COMPUET SYSTEM AND DOCUMENT MANAGEMENT

The Office of Nuclear Material Safety & Safeguards (NMSS) Advanced Computer System (ACS) provides Nuclear Regulatory Commission (NRC) staff with the computer hardware and software resources to analyze and display spatial and temporal data; construct topology feature models; compile and run a variety of engineering and scientific programs: and access large volumes of data that have been obtained from licensees and other public sources such as the United States Geological Survey, the National Climatic Data Center, and other such databases. The Technical Reference Document Database System (TDOCS) is a special software application that has been loaded on the ACS to provide full text search and retrieval of those technical documents that have been loaded into a special document database; to reference two major NMSS/DWM technical reference document files; and to reference other specialized document databases maintained by the Center for Nuclear Waste Regulator Analyses (CNWRA).

1.2 TECHNICAL REFERENCE DOCUMENT DATABASE SYSTEM DOCUMENT SETS

The following describes some of the document sets of the TDOCS. Text search and retrieval facilities are provided for each document set.

- NRC full-text Technical Document (NTD) database—Maintained by Division of Waste Management (DWM) staff consisting of technical documents submitted by the NRC staff.
- Hydrology database—Maintained by the (DWM) staff. This technical document database is in the form of bibliographic references with some abstracts and reviews.
- NIST/Materials database—Maintained by the DWM staff. This database consists of an index of approximately 1,000 bibliographic references. This database also contains 110 reviews of Department of Energy documents associated with 20 data fields that permit access to the contents of pertinent technical information and reviewer comments.
- NUREG database—A sample collection of selected NUREG documents.
- Regulations and Staff Technical Positions (STP)—A collection of NRC regulations and STPs. Search and retrieval facilities are provided.
- Technical Document Index (TDI)—An index of technical documents in the library of the CNWRA. In addition to search and retrieval, the TDI facilities provide circulation control of physical documents. These documents are stored and maintained at the CNWRA in San Antonio, Texas.
- CNWRA reports database—A sample collection of reports produced by the CNWRA.

Access to these document sets is accomplished by selecting the preferred set from a menu. The user interface permits information access from the TDOCS application across all document sets. A document database custodian/administrator adds or changes information in a database.

1.3 PRIMARY FUNCTIONS

This section discusses the functions available to users of the TDOCS.

1.3.1 Searching and Retrieving Records

There are two ways to search and retrieve data records using the TDOCS: (i) individual words or phrases may be entered into the full-text search interface to locate documents that contain those words or phrases, and (ii) words or phrases may be entered to search for occurrences of those words or phrases in specific fields, such as the title.

1.3.2 Displaying and Printing Records

After being selected, a record can be displayed on the screen and scrolled through to permit viewing of the entire record. The record may also be printed.

1.3.3 Using Cut and Paste Facilities

Cut and paste capabilities are provided to users of the full-text search and retrieval facilities. Cut and paste permits copying of relevant text in documents found through search and retrieval. Information in the source document can be highlighted and copied electronically to other work products using the system clipboard and a word processor application. From the word processing application, the text may be saved, incorporated into other documents, or printed.

2 GUIDELINES FOR USER ACCESS TO THE TECHNICAL REFERENCE DOCUMENT DATABASE

The previous chapter provided a general introduction to the TDOCS and its primary functions. This chapter provides the basic information needed to use the TDOCS.

The TDOCS has been designed to support users with all levels of computer experience. For security reasons, access to the TDOCS is restricted to NRC and CNWRA staff members with appropriate User-IDs. Help is available from system menus or from the CNWRA Help Desk at (210) 522-5258, or the NRC System Administrator (301) 415-8087.

2.1 TYPOGRAPHIC CONVENTIONS

Throughout the *User's Guide*, the following typographic conventions are used:

- Screen menu names, menu items, and push-button names appear in italics with initial caps or as they appear on the screen

  Example: Select *TDOCS* from the menu bar of the *TDOCS Main Menu*.

- User input and system prompts appear in bold Courier typeface

  Example: Enter the path and file name: **`c:\wp51\wp.exe`**

- Keystroke input from the keyboard appears as initial caps inside square brackets

  Example: Press [F1], then [Return]

- Keystroke input from the keyboard using combinations of keys (e.g., hold down the Ctrl key and press H) appears as initial caps inside square brackets

  Example: Press [Ctrl+H]

2.2 DEFINITIONS

Following are some basic definitions for use with graphical user interfaces (GUIs). Further information about the standard GUIs for MOTIF and Microsoft Windows may be found in *OSF/MOTIF Style Guide* (Open Software Foundation, Inc., 1993), and *Using Windows* (Que Corporation, 1994).

Accelerator keys — An alternate method of selecting menu items that is similar to mnemonics. However, unlike mnemonics, the accelerator keys may be used even when the pull-down menu is not displayed. For an example see Figure 2-9.

Click — Objects in GUI applications are normally selected by using the mouse to position the cursor over the object and then pressing one of the mouse buttons. When the mouse button is depressed it makes a clicking sound. Thus, the selection process is often described as "clicking" on the object.

Drag — Many objects in a GUI presentation may be moved around on the screen. This is done by positioning the cursor over the desired object, depressing and holding the mouse button, moving the cursor to the new location, and releasing the mouse button. As the cursor is moved with the mouse button depressed, the selected object follows the cursor movements. Thus, the object is "dragged" to the new location.

GUI — A GUI is a presentation of information on a computer screen that takes advantage of high-resolution graphics and usually employs a mouse, menu bars and other types of menus, overlapping windows, and icons.

Mnemonics — Alphabetic characters, indicated by an underscore that may be keyed to select the desired options rather than using the mouse. For example, the option in the *Operations* pull-down menu that permits the user to exit the TDOCS is represented by the menu entry "*Exit.*" Either select this entry with the mouse or key the mnemonic, "x".

Mouse — A commonly used pointing device that has one or more buttons. When the mouse is moved, the cursor moves in a corresponding manner on the screen. When one of the mouse buttons is pressed, a signal is sent to the program that results in some interaction with the system.

Mouse button — A button on a mouse that sends a signal to the system when pressed. Mouse buttons are used to select choices, initiate actions, or manipulate objects on the screen.

Select — Position the cursor on top of the item to be selected (e.g., menu name, button, icon, etc.) and press (or click) the left mouse button.

2.3 GRAPHICAL USER INTERFACE CONTROLS AND FEATURES

Cascading menu — An area to the left or right of an entry in a pull-down menu that expands the options or functions available for that entry. Cascading menus provide a way to layer choices so that a user can have access to a wide range of functions without being confused by lengthy lists of choices. Selecting an entry in a cascading menu causes the related system function(s) to be performed.

Cursor — A visual cue that indicates where the next interaction with the computer screen will take place. Cursors are moved by the mouse or the cursor keys and provide a way to select and interact with things that appear on the screen.

Drop-down list — A variation of the list view in which only one item in the list is displayed until an action is taken to display the rest of the list. Drop-down lists are used in situations where a list view is needed but would crowd the window if always present.

Entry field — A location in a screen where entry or alteration of textual or numeric information, such as a file name, password, or version number, is allowed. Entry fields may accommodate single words or numbers, or single or multiple lines of text.

Group box	An area in a screen that contains related information and controls. Group boxes are usually surrounded by a labeled square or rectangular line.
Help screen	A screen that contains information about how to use the system, recover from problems, select available choices, etc. Help screens can be used for assistance while learning to use the system. They can also serve as a refresher for users who have not accessed the system regularly or recently.
Icon	A small image that represents a function or data object.
List view	A read-only field with one or more scroll bars that contains multiple entries. The list view is used to display a fixed or variable list of values, fields, or options (e.g., the list of all documents). Because the display area in a list view can be scrolled, the list can contain more items than can be displayed at one time in the display area.
Maximize button	A control in the upper right-hand corner of the window that expands the window to its maximum size.
Menu	A presentation of options.
Menu bar	An area extending across the top of a window below the window title that lists the menu entries. Selecting these menu entries causes either the related system functions to be performed or a pull-down menu with additional entries and options to be displayed. The existence of a pull-down menu is usually indicated by a small downward-pointing arrow or triangle at the right-hand side of an entry in the menu bar.
Messages	Information displayed when there is a particularly important or urgent condition in the software in use. Messages often contain not only a description of a problem but also an explanation of how to correct the situation. They may also contain selections that assist in deciding how to continue working.
Minimize button	A control in the upper right corner of the window that shrinks the window to an icon.
Pane	A defined area within a window that is used as a separately scrollable area. Windows are sometimes divided into two or more panes so that different but related information may be displayed and scrolled independently.
Pull-down menu	A list of options extending below an entry in a menu bar that is displayed when a menu bar entry is selected. Pull-down menus contain choices and functions that are related to each other in some manner. Typically they contain additional menu entries and/or options related to the "parent" entry on the menu bar. Selecting an entry in a pull-down menu causes either the related system functions to be performed or a cascading menu with additional entries and options to be displayed.

Push-button — A labeled, rectangular or oval "button" that causes an action to be taken when it is selected. When a push-button is selected (e.g., by pressing the left mouse button when the cursor is over the push-button), it is shaded and appears to be depressed. The push-button remains shaded until the action is completed and then returns to a "normal," deselected appearance.

Radio buttons — Two or more related button controls that permit selection of mutually exclusive options. The selected option is shaded and appears to be depressed. When a different option is selected, the radio button for that option is shaded and depressed, and the previously selected radio button returns to a "normal," deselected appearance.

Sash line — A bold line separating two panes within a window.

Scroll bar — A control, usually positioned at the right-hand side or bottom of a window, that permits the contents of the window to be moved horizontally or vertically within the window.

Sizing buttons — Controls in the corners of the window that can be used to change the size and shape of the window.

Title bar — An area at the top of the window containing a brief title of the window. Pressing the left mouse button when the cursor is in the title bar and "dragging" it moves the window to a new position on the screen.

Window — An area on the screen where data, icons, controls, etc. can be viewed. A window is bounded by a window border that separates the window from other windows on the screen. The window size and its contents may be changed and controlled by using a number of controls in the window border.

The TDOCS has been implemented in a multiplatform environment allowing it to be accessed by users in diverse hardware/software environments. While the TDOCS functions in the same way in all of the supported hardware/software environments, the look and feel of the system will vary slightly. Figures 2-1 and 2-2 illustrate the typical appearance of a sample Sun MOTIF and Microsoft Windows hardware/software platforms.

If Sun Microsystems equipment is used, the TDOCS will be accessed through the MOTIF GUI. Figure 2-1 illustrates the menu item (button) used to access the TDOCS. If IBM or IBM-compatible equipment is used, the TDOCS can be accessed through Microsoft Windows. Figure 2-3 illustrates the appearance of a sample screen showing the icon used to access the TDOCS.

The functionality of the TDOCS and the general appearance of the user interface is the same, regardless of the hardware/software environment. However, the specific details of the screens in a specific interface vary slightly to conform to the standard look and feel of the hardware/software environment. The MOTIF environment has been selected for the screens presented in this *User's Guide*.

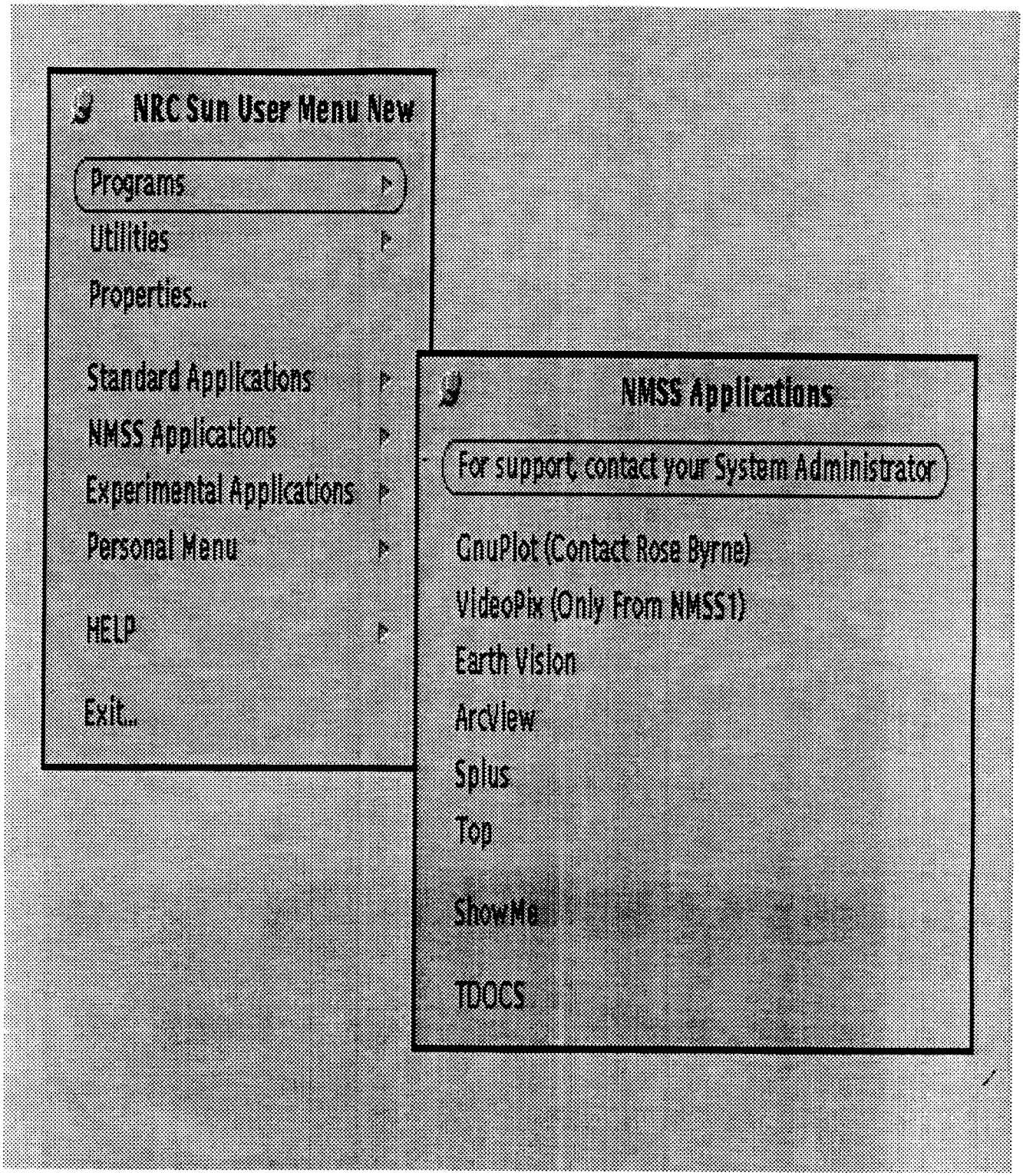

Figure 2-1. Sample screen for Unix workstation

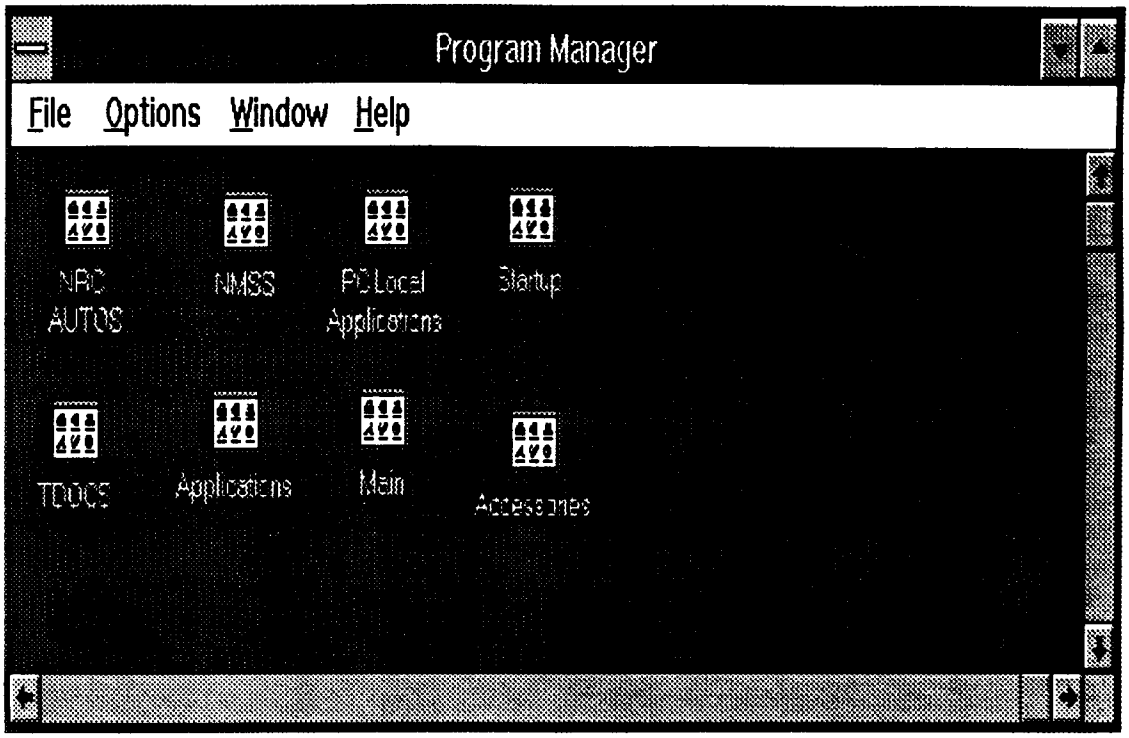

Figure 2-2. Sample screen for DOS Windows—TDOCS desktop group icon

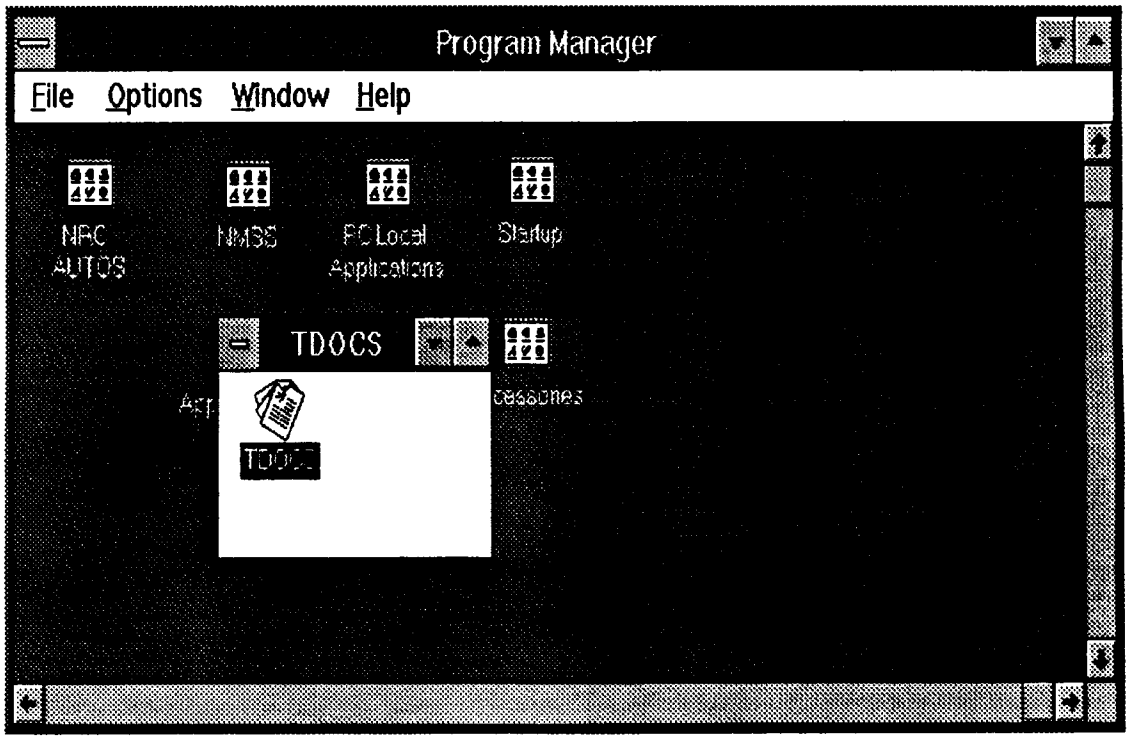

Figure 2-3. Sample screen for DOS Windows—TDOCS application icon

All of the hardware/software environments employ a mouse to permit the user to quickly select options and traverse menus. Communication with the system is accomplished by using the mouse to position the cursor, and pressing the left mouse button (except when the specific hardware/software environment requires use of the right button) to select the desired option. Most menu entries also include mnemonics and accelerator keys.

2.4 SOURCES OF ASSISTANCE

There are a number of sources that can provide assistance to the user:

- Help Screens—Help that can be activated by positioning the cursor and selecting the *HELP* button or menu entry is provided for each screen display.
- Training—Training for all NRC and CNWRA staff will be provided. Additionally, periodic training for new staff and retraining for any other staff will be provided on request.
- Assistance—Telephone assistance is available by calling the CNWRA Help Desk at (210) 522-5258, or the NRC System Administrator at (301) 415-8087.

2.5 GETTING STARTED

To get started, a proper workstation with the client TDOCS software installed is required. The program is executed by clicking on the program icon. While using the TDOCS, various system status and error messages may be displayed to alert the user to conditions detected by the program. Many of these messages appear in their own windows, and must be cleared before continuing by selecting a push-button at the bottom of the message window. The wording of the messages, their meaning, and appropriate responses are described in Appendix A.

The TDOCS is normally started by selecting it on the screen display.

1. On a Windows workstation, double click on the program icon on the Windows desktop.

   On a Sun workstation, position the cursor on the desktop area of the screen and press the right mouse button (for MOTIF environment). A pull-down menu of functions appears.

2. Select *TDOCS*. The system starts the TDOCS.

2.6 TECHNICAL DOCUMENT DATABASE MAIN MENU

After the TDOCS has been successfully started, the *TDOCS Main Menu* screen is displayed (Figure 2-4). The menu bar in this screen contains the major functions that the user is permitted to perform.

For all users, the following entries appear in the menu bar of the *TDOCS Main Menu*:

Operations—Exit from the TDOCS

Search—Use full-text and/or fielded information searches to find and access TDOCS records

Help—Access the TDOCS help facilities to get more information about how to use the TDOCS

Functions may be selected by positioning the cursor on the menu bar of the *TDOCS Main Menu* and selecting the desired entry. Depending on the function selected, either a pull-down menu is displayed or the function selected is automatically executed.

Mnemonics, where applicable, are available to facilitate selection of entries from the menus. Mnemonics are alphabetic characters, indicated by an underscore, that may be keyed to select the desired options rather than using the mouse. Accelerator keys (e.g., [Ctrl+H] or [^H]) are also available, and provide an alternate method of selecting functions from the pull-down menus under the main menu entries.

2.7 MAIN MENU—OPERATIONS ENTRY

The *Operations* main menu entry permits performance of general functions that are available to all users. Selecting *Operations* from the menu bar of the *TDOCS Main Menu* (Figure 2-4) causes the *Operations* pull-down menu (Figure 2-5) to appear.

To exit from the TDOCS:

1. Select *Operations* from the menu bar of the *TDOCS Main Menu* (Figure 2-4). The system displays a pull-down menu (Figure 2-5).

2. Select the *Exit* entry from the *Operations* pull-down menu. Alternatively, the mnemonic [x] may be typed or the accelerator key [F3] pressed. The system closes the users security permissions and authorities and terminates the TDOCS session. At this point, the TDOCS has been successfully exited. To use the TDOCS again, select the *TDOCS* entry on the desktop screen.

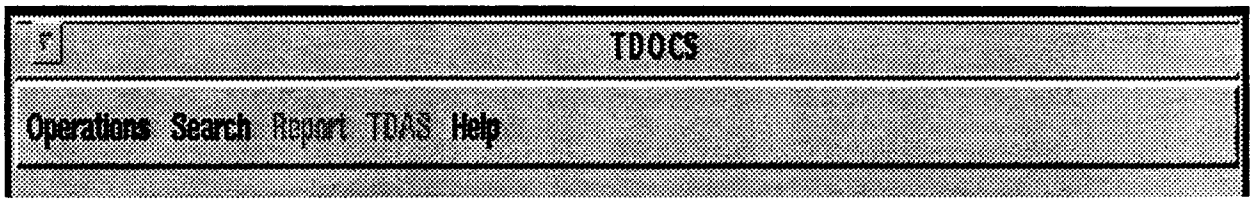

Figure 2-4. TDOCS main menu

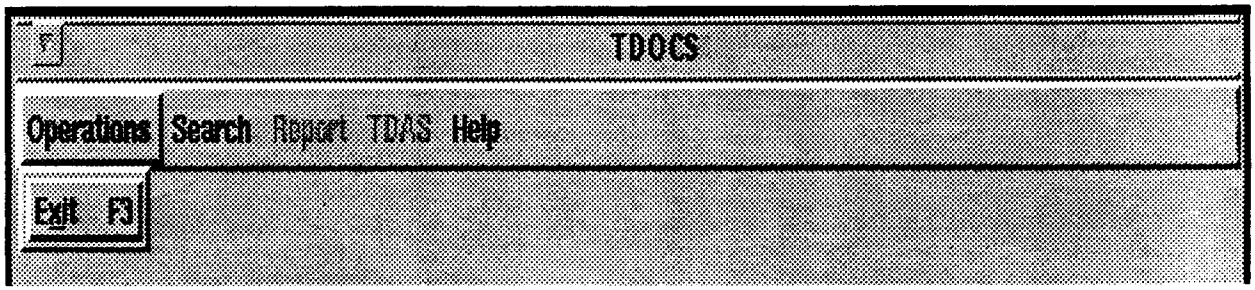

Figure 2-5. Operations pull-down menu

2.8 MAIN MENU—SEARCH ENTRY

The TDOCS provides powerful and easy-to-use facilities for identifying and viewing records. The TOPIC full-text search and retrieval software is used to find the TDOCS records by searching for specific words or phrases in: (i) the text of the document, or (ii) certain document header fields, such as the title or author.

2.8.1 Accessing the Full-Text Search Facilities

The following steps are required to search for TDOCS records:

1. Select the *Search* entry from the menu bar of the *TDOCS Main Menu* (Figure 2-4). The system displays the *Search* pull-down menu (Figure 2-6).

2. Select the TDOCS entry from the Search pull-down menu. The TDOCS cascading menu displays (Figure 2-7). This menu permits selection of the type of TDOCS records to search.

3. Select the desired group of TDOCS records to be searched from the *Search* pull-down menu. The system starts the TOPIC full-text search and retrieval facilities to access the selected group of TDOCS records and displays a *TOPIC Query Entry* screen for simple queries (Figure 2-8). It takes a few seconds for the TOPIC full-text search and retrieval to be started, and several information and copyright screens display before the first *TOPIC Query Entry* screen appears.

   If a message appears indicating some sort of problem with configuration and/or some of the parameters needed by the TOPIC software, document the message by pressing the [Print Screen] key, and then, contact the CNWRA Help Desk at (210) 522-5258 or the NRC System Administrator at (301) 415-8087.

When the TOPIC full-text search facility has been started, two windows are displayed. The background window is the *TOPIC Main Menu*, which contains a menu bar that permits selection of options pertaining to the query. The foreground window is the *TOPIC Query Entry* screen (Figure 2-8). This window permits entry of words and/or phrases to be used in searching for records. The name of the current query appears in the shaded title bar at the top of the *TOPIC Main Menu* screen. New queries have default names such as Untitled-1, Untitled-2, etc.

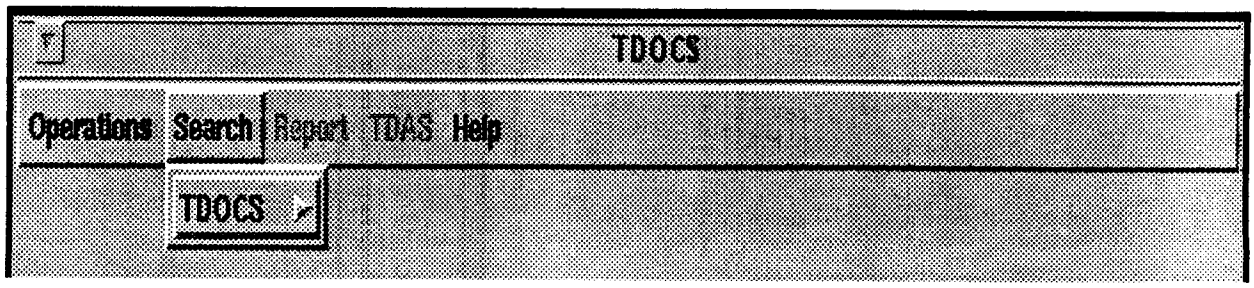

Figure 2-6. Search—pull-down menu

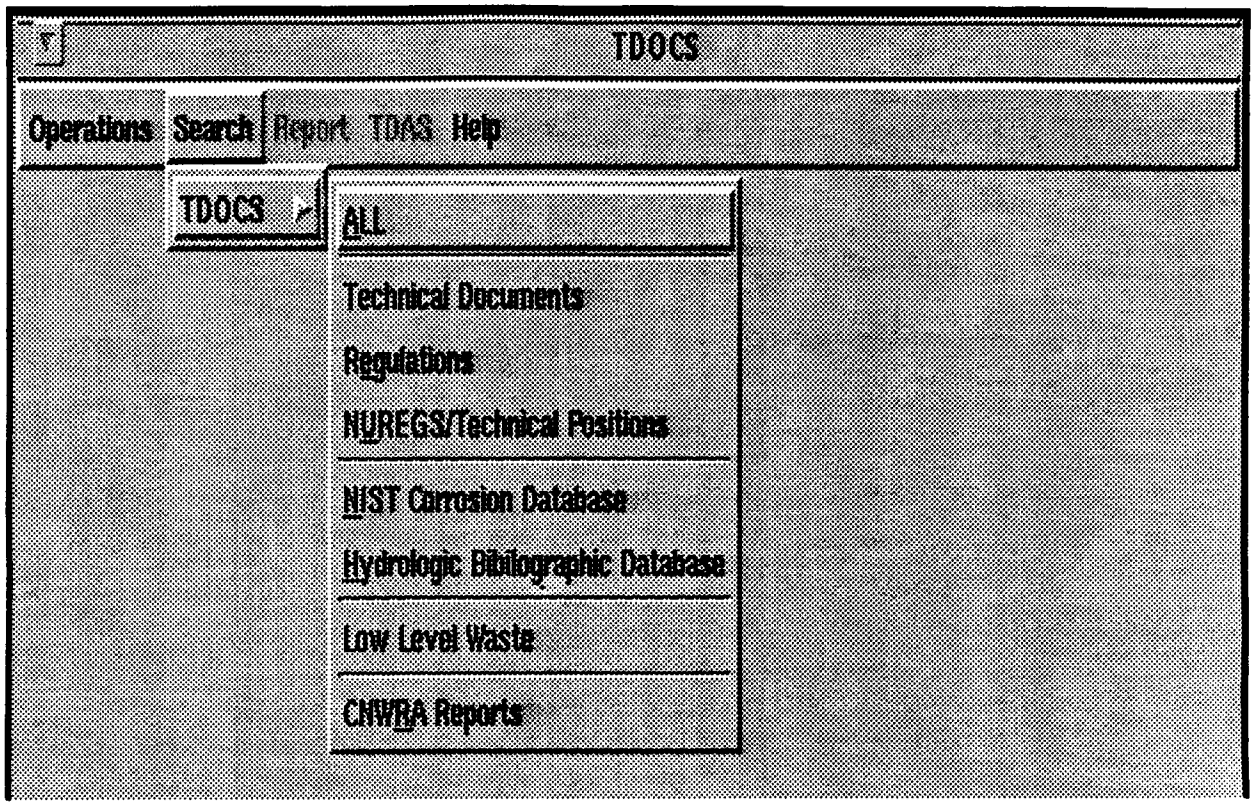

Figure 2-7. Search—TDOCS cascading menu

2.8.2 TOPIC Main Menu

The following sections discuss items from the *TOPIC Main Menu* along with their associated pull-down menus. The intent is to provide a basic introduction to the capabilities of the TOPIC full-text search and retrieval product. Only selected features of the TOPIC full-text search and retrieval software are discussed in this *User's Guide*. For further information, see the appropriate TOPIC user's guide for the hardware/software platform or call the CNWRA Help Desk at (210) 522-5258 or the NRC System Administrator (301) 415-8087.

The presentation of the TOPIC Main Menu is slightly different, depending on which platform is being used. However, the functionally is essentially the same. The menu bar of the *TOPIC Main Menu* (Figure 2-8) contains entries that provide access to a number of capabilities of the TOPIC full-text search and retrieval software. The *TOPIC Main Menu* bar options are:

File—Start new queries and save the current query

Edit—Cut, copy, paste, and search for specific text in a document display

View—View different document displays

Query—Change the type of query

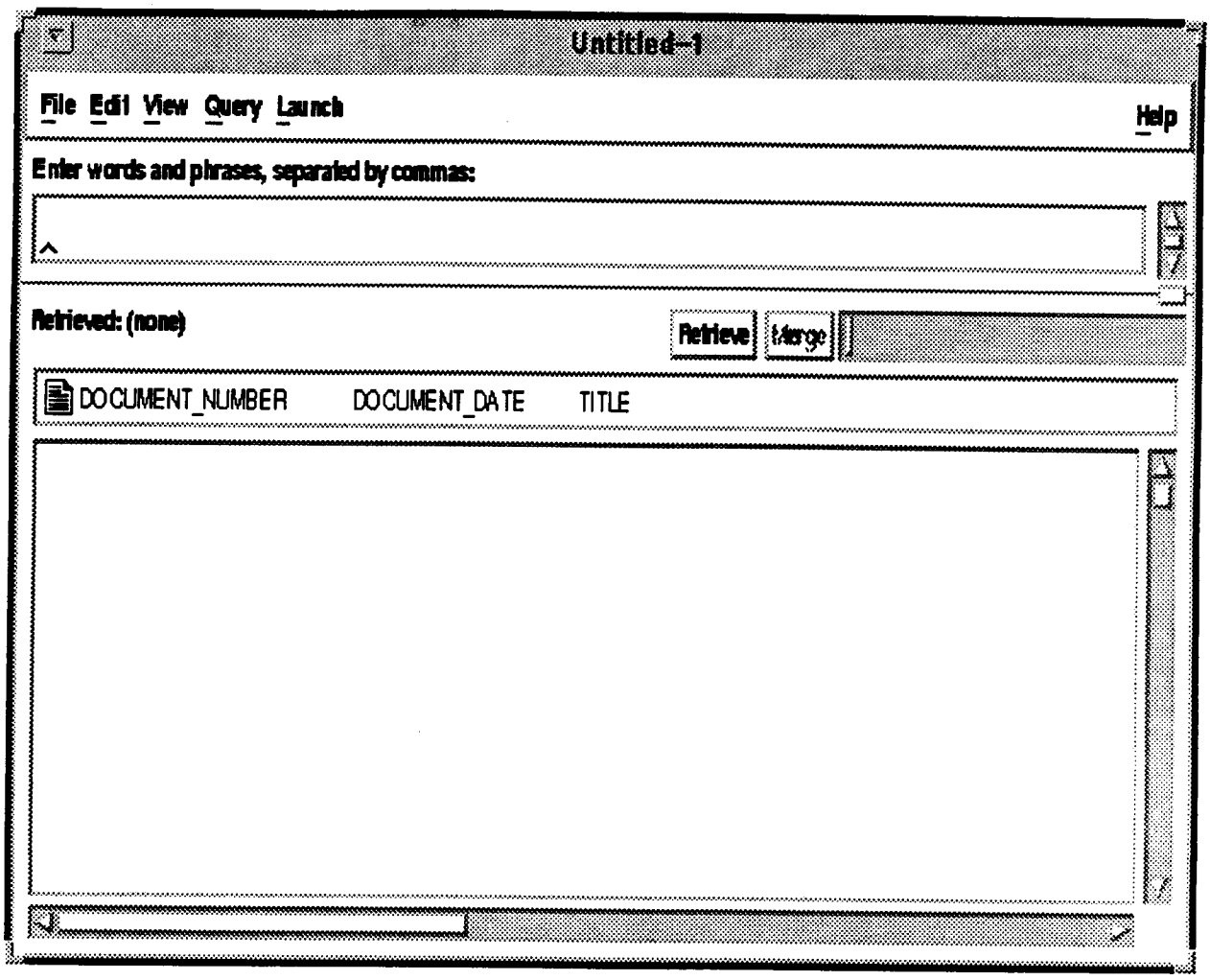

Figure 2-8. TOPIC main menu—query entry screen

Launch—Start other programs such as WordPerfect

Help—Get additional Help information

2.8.2.1 TOPIC Main Menu—File Entry

When the *File* entry in the *TOPIC Main Menu* is selected, the *File* pull-down menu appears (Figure 2-9). This pull-down menu contains the following options:

New Query—Begin a new query definition

Open Query—Open a previously defined and saved query so that it may be used and/or modified

Open Selection—Open a selected item into a new window

Save Query—Save the current query so that it may be used again and/or modified in the future

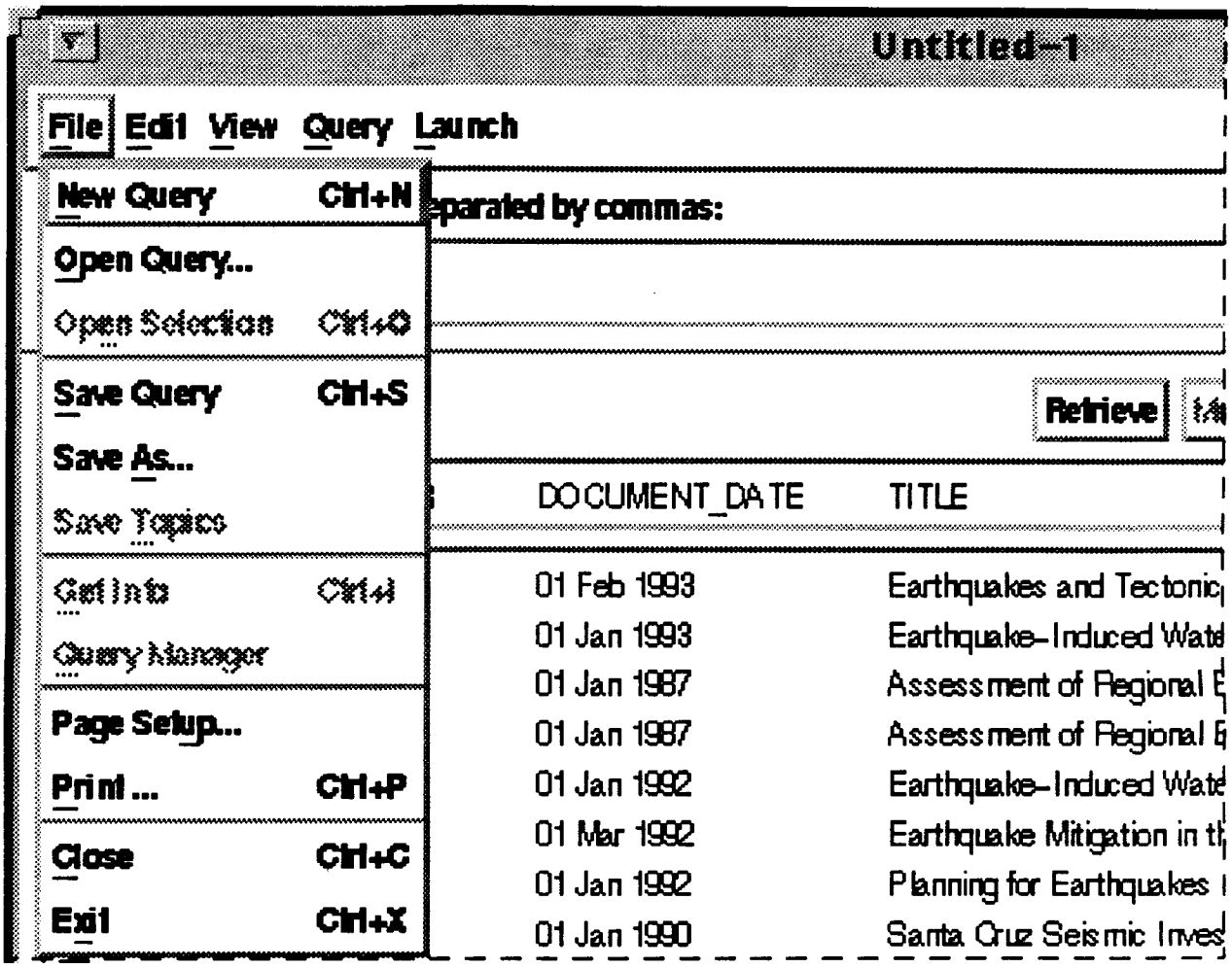

Figure 2-9. TOPIC—File pull-down menu

Save As—Save the current query using a specified file name

Save Topics—Save changes made to the TOPIC database during the current session

Get Info—Display a window containing additional information about a selected document

Query Manager—Display a window containing a list of the available queries

Page Setup—Change the printer, margins, and/or page size used when printing information directly from TOPIC

Print—Print information from the currently selected TOPIC screen

Close—Close the currently selected TOPIC query screen

Exit—Close all TOPIC query screens and exit from TOPICs full-text search and retrieval system

Those TOPIC options which are most commonly used in the TDOCS are discussed as follows.

TOPIC File Pull-down Menu—New Query Entry

The *New Query* entry in the *File* pull-down menu (Figure 2-9) permits start of a new query. If an existing query is active, that screen remains but an additional new query screen is created. The options selected in the TOPIC preference file determine the initial settings of query screens. Normally, a new query is started as a simple query. If a different type of query screen is desired, (e.g., a form query), change the query type by selecting the *Query* entry from the *TOPIC Main Menu.* (For a further discussion of how to select a different query type, see Section 2.8.2.4.)

To start a new query:

1. Select the *File* entry from the menu bar of the *TOPIC Main Menu.* The *File* pull-down menu appears.

2. Select the *New Query* entry from the *File* pull-down menu. A new screen is created using the default query type (normally a simple query).

3. To access a different type of query screen, use the *Query* entry in the *TOPIC Main Menu* to change the query type (see Section 2.8.2.4).

TOPIC File Pull-down Menu—Open Query Entry

The *Open Query* entry in the *File* pull-down menu permits retrieval of the definition of an existing query that was previously stored. If an existing query is active, that screen will remain but a new query screen will be created for the query that is being retrieved. The options selected for the existing query that is being opened will determine the initial settings of the query screen.

To open an existing query:

1. Select the *File* entry from the menu bar of the *TOPIC Main Menu.* The *File* pull-down menu appears.

2. Select the *Open Query* entry from the *File* pull-down menu. An entry screen appears to permit location and selection of the name of the query definition file (Figure 2-10).

TOPIC File Pull-down Menu—Save Query Entry

The *Save Query* entry in the *File* pull-down menu permits definition of the current query to be saved so that it can be retrieved and used in the future. The *Save Query* entry is normally used to save and update the definition of a named query that had been previously saved. The query name will not be changed. If the entry is used for a new query, a prompt will request the path and file name for the query (See Figure 2-11).

To save an existing query:

1. Select the *File* entry from the menu bar of the *TOPIC Main Menu.* The *File* pull-down menu appears.

2. Select the *Save Query* entry from the *File* pull-down menu. If a previously named query is being saved, the query definition is saved, and no further action is required.

   If an unnamed query is being saved, one that has not previously been saved, an entry screen appears so that a path and file name for the query definition can be selected.

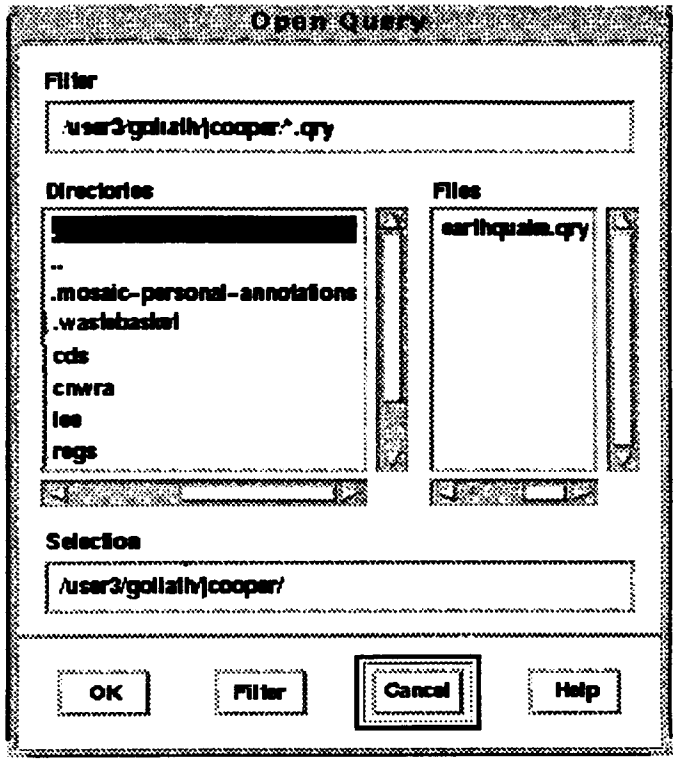

Figure 2-10. TOPIC—Open Query screen

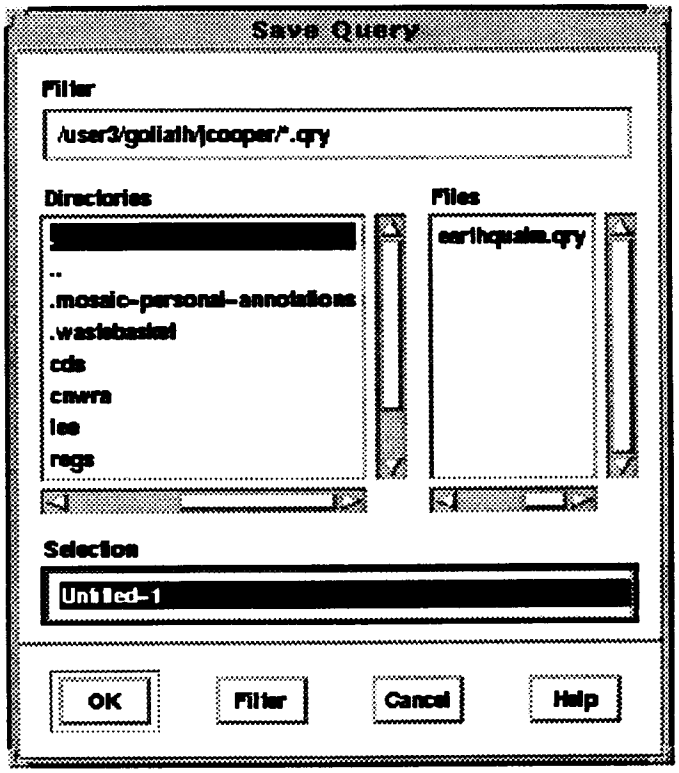

Figure 2-11. TOPIC—Save Query screen

TOPIC File Pull-down Menu—Save As Entry

The *Save As* entry in the *File* pull-down menu permits the definition of the current query to be saved with a new name, so that it can be retrieved and used in the future. The *Save As* entry is normally used to save an existing query definition, which has been updated, with a new name.

To save an existing query using a new name:

1. Select the *File* entry from the menu bar of the *TOPIC Main Menu.* The *File* pull-down menu appears.

2. Select the *Save As* entry from the *File* pull-down menu. An entry screen appears so that a path and file name may be selected for the query definition (Figure 2-11).

3. Select the desired path and enter the desired file name for the query. If possible, the name of the query should be descriptive and meaningful to support easy retrieval.

4. Select the *OK* push-button at the bottom of the entry screen to save the query.

TOPIC File Pull-down Menu—Page Setup Entry

The *Page Setup* entry in the *File* pull-down menu permits options to be set, including page height, page width, and margins, that control the appearance of printed information produced by TOPIC.

To change the options for the setup of printed pages:

1. Select the *File* entry from the menu bar of the *TOPIC Main Menu.* The *File* pull-down menu appears.

2. Select the *Page Setup* entry from the *File* pull-down menu. An entry screen appears so that page setup options may be entered and/or changed (Figure 2-12).

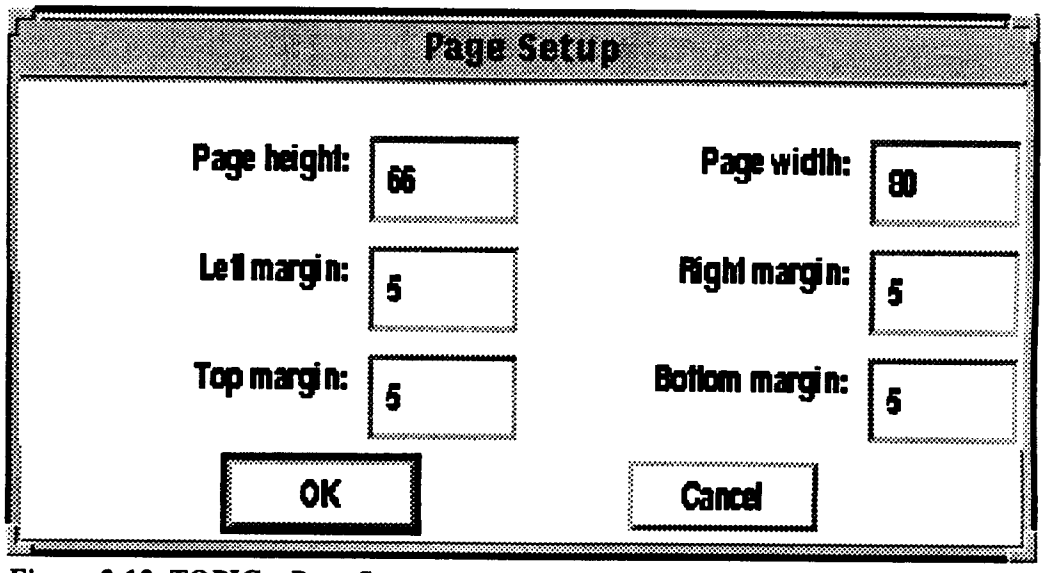

Figure 2-12. TOPIC—Page Setup screen

3. Enter the desired values in the entry fields for *Page height, Page width, Left margin, Right margin, Top margin, and Bottom margin.*

4. Select the *OK* push-button at the bottom of the entry screen to save the page setup options.

5. Select the *Cancel* push-button at the bottom of the entry screen to exit from the *Page Setup* entry screen without updating the page setup options.

TOPIC File Pull-down Menu—Print Entry

The *Print* entry in the *File* pull-down menu permits setting of options that control printing information produced by TOPIC.

To change the options for printing:

1. Select the *File* entry from the menu bar of the *TOPIC Main Menu*. The *File* pull-down menu appears.

2. Select the *Print* entry from the *File* pull-down menu. An entry screen appears so that print options can be entered and/or changed (Figure 2-13).

3. Enter the system name of the desired printer device in the *Printer* entry field. Contact the CNWRA Help Desk at (210) 522-5258, or the NRC System Administrator at (301) 415-8087 for specific information on printer devices.

4. Select the option button for *Print all* to indicate whether to print the entire document or just selected pages. If the *Print all* button is depressed, the entire document is printed. If the *Print all* button is not depressed, only the specified pages of the document is printed; the beginning page must be entered in the *From* entry field and the ending page in the *To* entry field.

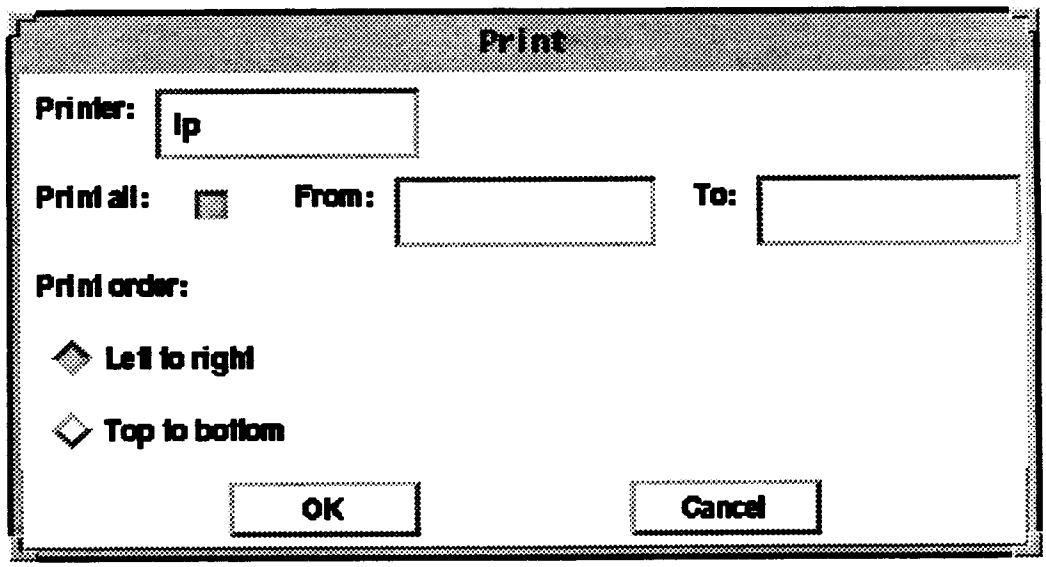

Figure 2-13. TOPIC—Print screen

5. Select the appropriate *Print order* button to print the document *Left to right* or *Top to bottom*.

The print order selections *Left to Right* and *Top to Bottom* only pertain to the printing of images. For images that are larger than a single page (i.e., span multiple pages), the order in which the image page segments print can be specified by selecting either the *Left to Right* or the *Top to Bottom* print order. Examples are provided below.

Left to Right—The document to be printed contains an image that spans six pages. The *Left to Right* print order is selected. The image page segments are printed in the order indicated below:

1	2	3
4	5	6

Top to Bottom—The document to be printed contains an image that spans six pages. The *Top to Bottom* print order is selected. The image page segments are printed in the order indicated below:

1	3	5
2	4	6

6. Select the *OK* push-button at the bottom of the entry screen to print the document and save the print options.

7. Select the *Cancel* push-button at the bottom of the entry screen to exit from the *Print* options screen without printing the document.

TOPIC File Pull-down Menu—Close Entry

The *Close* entry in the *File* pull-down menu permits closing of the current query window without exiting TOPIC. When the window is closed, TOPIC will display a screen that permits the current query to be saved or discarded (Figure 2-14).

To close the current query window:

1. Select the *File* entry from the menu bar of the *TOPIC Main Menu*. The *File* pull-down menu appears.

2. Select the *Close* entry from the *File* pull-down menu. A screen appears that provides a choice of either discarding or saving the current query.

3. Select the *Save* push-button to save the current query. This causes the TOPIC *Save Query* screen to appear (Figure 2-11).

4. Select the *Discard* push-button to close the current query screen without saving the query.

5. Select the *Cancel* push-button to exit from the *Close* options screen without closing the current query.

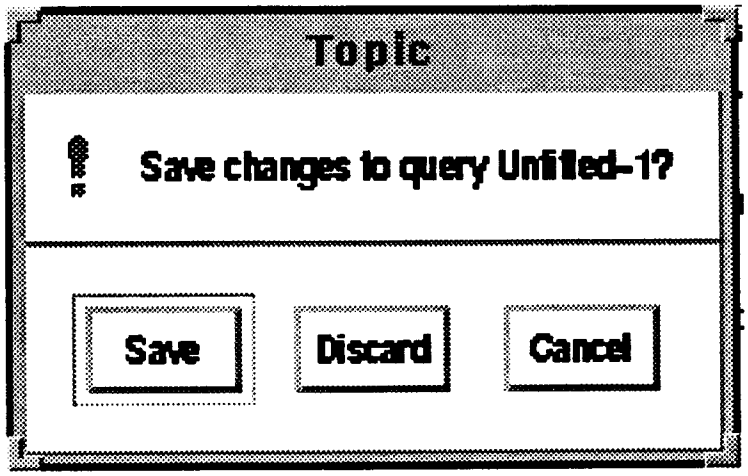

Figure 2-14. TOPIC—close screen

TOPIC File Pull-down Menu—Exit Entry

The *Exit* entry in the *File* pull-down menu permits closing of all active current query windows and exit from TOPIC. When the last window is closed, TOPIC will display a screen that permits the user to exit or open a new query window (Figure 2-15).

To exit TOPIC:

1. Select the *File* entry from the menu bar of the *TOPIC Main Menu*. The *File* pull-down menu appears.

2. Select the *Exit* entry from the *File* pull-down menu. When the last active query window has been closed, a screen appears that allows a choice of exiting or of opening a new query window.

3. Select the *Exit* push-button to exit TOPIC.

4. Select the *New window* push-button to open a new query window and stay in TOPIC.

2.8.2.2 TOPIC Main Menu—Edit Entry

When the *Edit* entry is selected from the menu bar of the *TOPIC Main Menu*, the *Edit* pull-down menu appears (Figure 2-16). This menu contains the following options:

Undo—Reverse the previous operation to undo its effects

Cut—Remove the highlighted text and copy it to a temporary area called the clipboard

Copy—Copy the highlighted text to the clipboard

Paste—Insert the contents of the clipboard at the location of the cursor

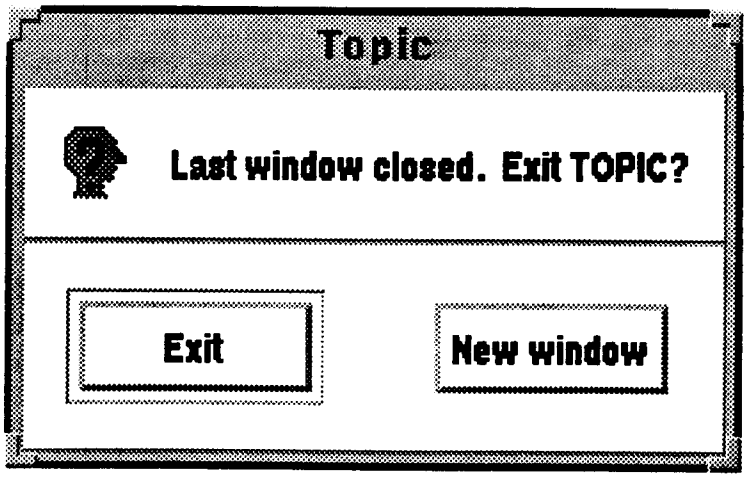

Figure 2-15. TOPIC—exit screen

Clear Selection—Clear the selected TOPIC, document, etc., in a window

Delete Selection—Delete the selected topic, document, etc., from the TOPIC database

Select All—Highlight the entire text of the area identified by the cursor

Add to Query—Add current query selections to an existing named query

The TOPIC *Edit* pull-down menu is illustrated in Figure 2-16. Those TOPIC options which are most commonly used in the TDOCS are described below.

TOPIC Edit Pull-down Menu—Undo Entry

The *Undo* entry in the *Edit* pull-down menu permits reversing of the previous action. The *Undo* option is not always available because some actions do not lend themselves to being reversed. In these circumstances the *Undo* option is grayed to indicate that it is not available. When the *Undo* option is available and is selected, the system is restored to its state before the previous operations. For example, if a *Select All* operation had been performed, the entire document would be highlighted. Selecting the *Undo* option would reverse, the highlighting resulting from the *Select All* option.

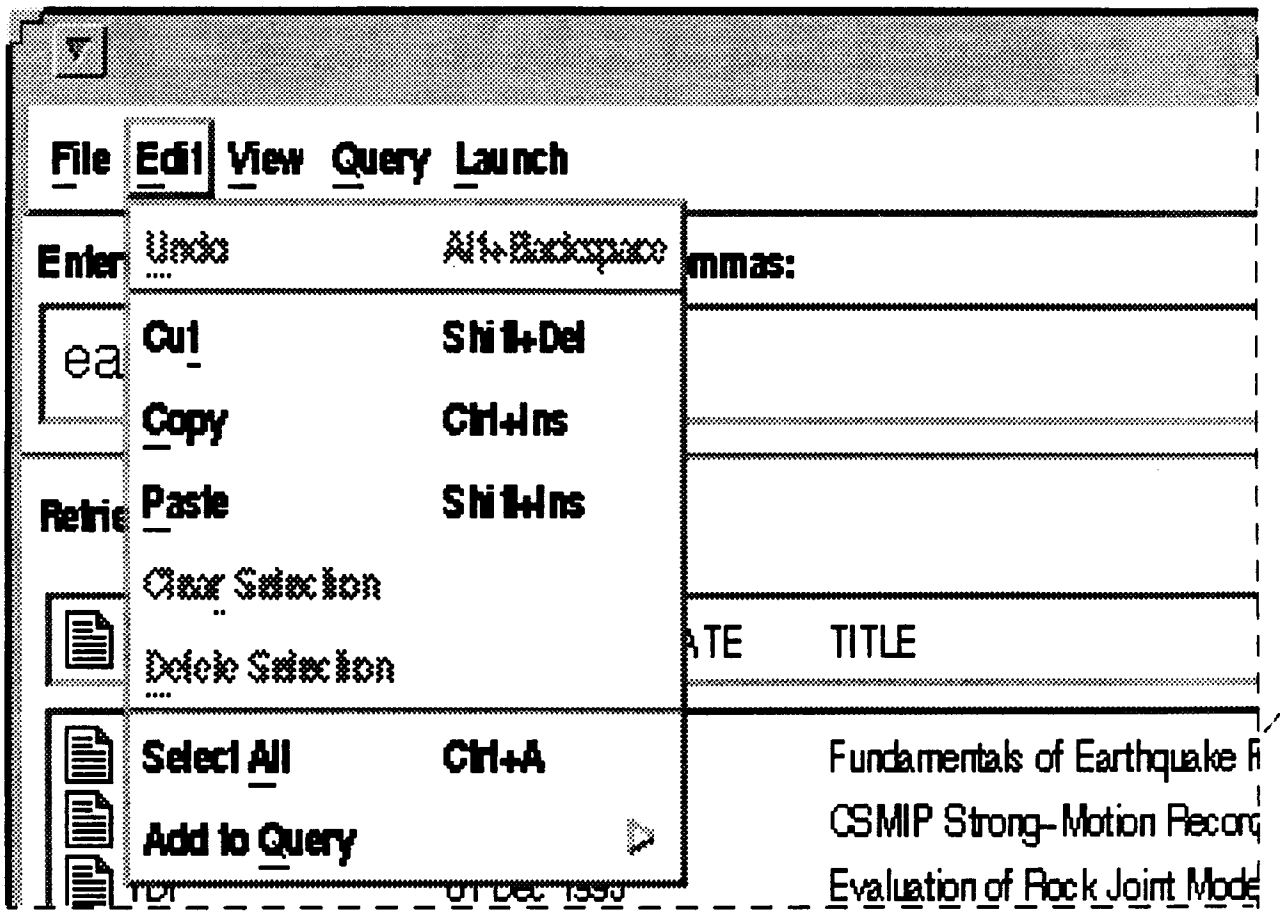

Figure 2-16. TOPIC—Edit pull-down menu

TOPIC Edit Pull-down Menu—Cut Entry

The *Cut* entry in the *Edit* pull-down menu permits the user to remove highlighted text from the document and insert it in a temporary area called the clipboard. After text has been inserted into the clipboard by either the *Cut* or *Copy* operation, it may be inserted into a document using the *Paste* operation.

To use the *Cut* option:

1. Highlight the text that is to be cut by positioning the cursor at the first character, depressing and holding the left mouse button, moving the cursor to the last character to be cut, and releasing the left mouse button (click and drag).

2. Select the *Cut* option from the *Edit* pull-down menu. The highlighted text is removed from the current document and stored in the clipboard. A *Cut* operation replaces the previous contents of the clipboard.

TOPIC Edit Pull-down Menu—Copy Entry

The *Copy* entry in the *Edit* pull-down menu permits the user to copy highlighted text from the document and insert it in a temporary area called the clipboard. After text has been inserted into the clipboard by the *Copy* operation, it may be inserted into a document using the *Paste* operation.

To use the *Copy* option:

1. Click and drag to select the text for copying.

2. Select the *Copy* option from the *Edit* pull-down menu. The highlighted text is stored in the clipboard. The *Copy* operation replaces the previous contents of the clipboard.

TOPIC Edit Pull-down Menu—Paste Entry

The *Paste* entry in the *Edit* pull-down menu permits insertion the contents of the clipboard at the location of the cursor.

To use the *Paste* option:

1. Position the cursor at the location where the contents of the clipboard is to be inserted and click the left mouse button to establish the new cursor location.

2. Select the *Paste* option from the *Edit* pull-down menu. The contents of the clipboard is inserted at the cursor location. The *Paste* operation does not affect the contents of the clipboard. Therefore, the contents of the clipboard may be pasted repeatedly at different locations in the document.

TOPIC Edit Pull-down Menu—Select All Entry

The *Select All* entry in the *Edit* pull-down menu permits highlighting of an entire document.

To use the *Select All* option:

1. Position the cursor on the document to be selected and click the left mouse button to establish the new cursor location.

2. Select the *Select All* option from the *Edit* pull-down menu. The entire document is highlighted to indicate that it has been selected and may be cut or copied.

2.8.2.3 TOPIC Main Menu—View Entry

The TOPIC *View* pull-down menu provides options for altering the appearance of the TOPIC query and query results windows. When *View* entry is selected in the *TOPIC Main Menu*, the *View* pull-down menu appears (Figure 2-17). The *View* pull-down menu contains the following entries:

Expand Selection—Expand the node for the selected topic, assists item, results folder, or group to show more detail

Collapse Selection—Collapse the node for the selected topic, assists item, results folder, or group to show less detail

Sort—Select sorting criteria to be used in sequencing the query results list

Tree—Change the layout of the topic query to a tree format

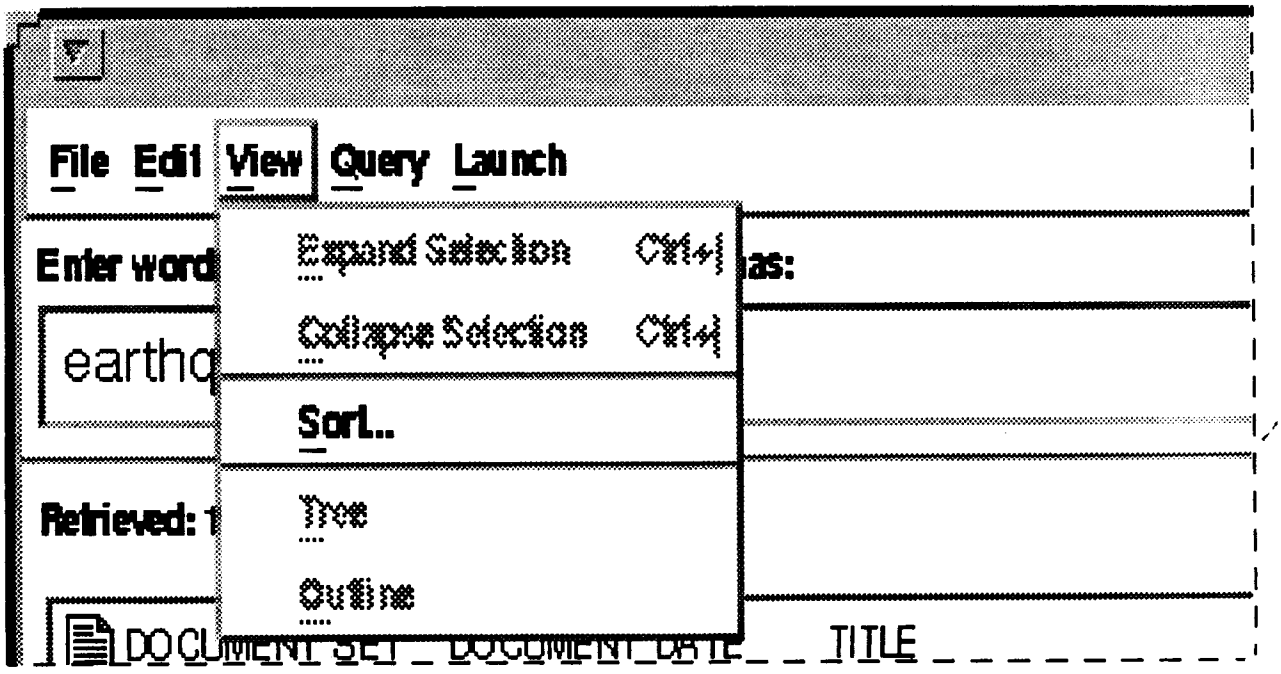

Figure 2-17. TOPIC—View pull-down menu

Outline—Change the layout of the topic query to an outline format

The *View* pull-down menu is illustrated in Figure 2-17. Those TOPIC options that are most commonly used in the TDOCS are described below.

TOPIC View Pull-down Menu—Sort Entry

A default sequence is defined for the query results lists. However, the results list sequence may be altered by selecting the *Sort* option from the *View* pull-down menu.

To change the *Sort* sequence for the query results list:

1. Select the *View* entry from the *TOPIC Main Menu*. The *View* pull-down menu appears (Figure 2-17).

2. Select the *Sort* entry from the *View* pull-down menu. A *Sort Specification* window appears (Figure 2-18).

3. Select the *Ascending* or *Descending* radio button to specify ascending or descending sequence for the sort.

4. Double clicking fields in the *Sort by* group box removes them from the sort. Another method is to (i) highlight the field in the *Sort by* box that is to be removed and (ii) click the *Move* button.

5. Double clicking fields in the *Available fields* group box adds them to the sort. Another method is to (i) highlight the field in the *Available fields* box that is to be added and (ii) click the *Move* button.

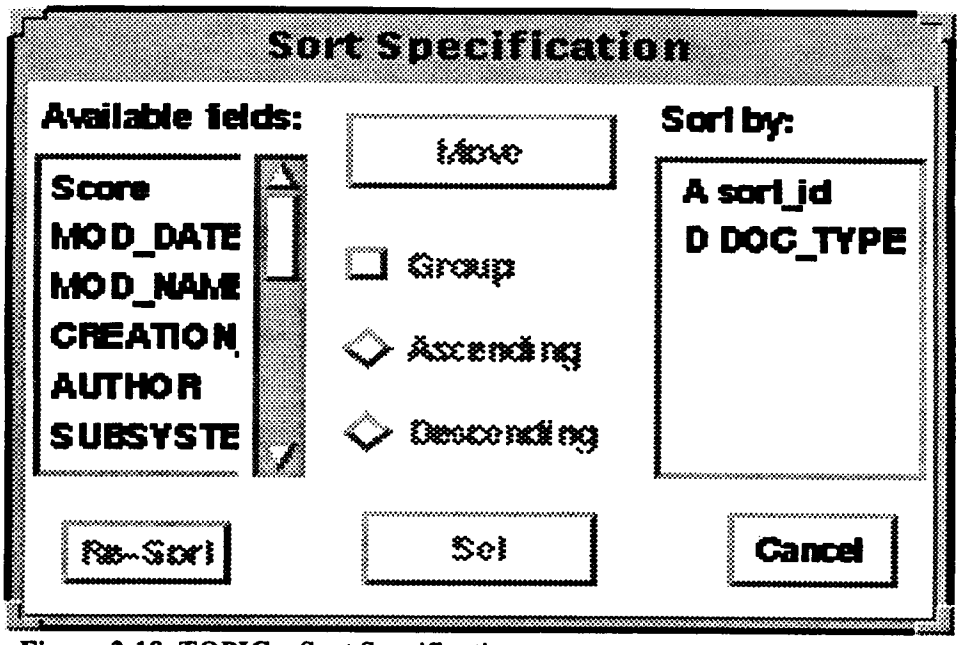

Figure 2-18. TOPIC—Sort Specification screen

6. Select the *Set* push-button to save the new sort sequence.

7. Select the *Re-Sort* push-button to apply the new sort sequence to the current results list.

8. Select the *Cancel* push-button to discard the changes to the sort sequence.

2.8.2.4 TOPIC Main Menu—Query Entry

The TOPIC *Query* pull-down menu provides a method of altering various options associated with TOPIC queries. When the *Query* entry in the *TOPIC Main Menu is selected*, the *Query* pull-down menu appears (Figure 2-19). The *Query* pull-down menu contains the following entries:

Start Retrieval—Start a query retrieval based on the current query defined in the query window

Cancel Retrieval—Cancel the current query retrieval

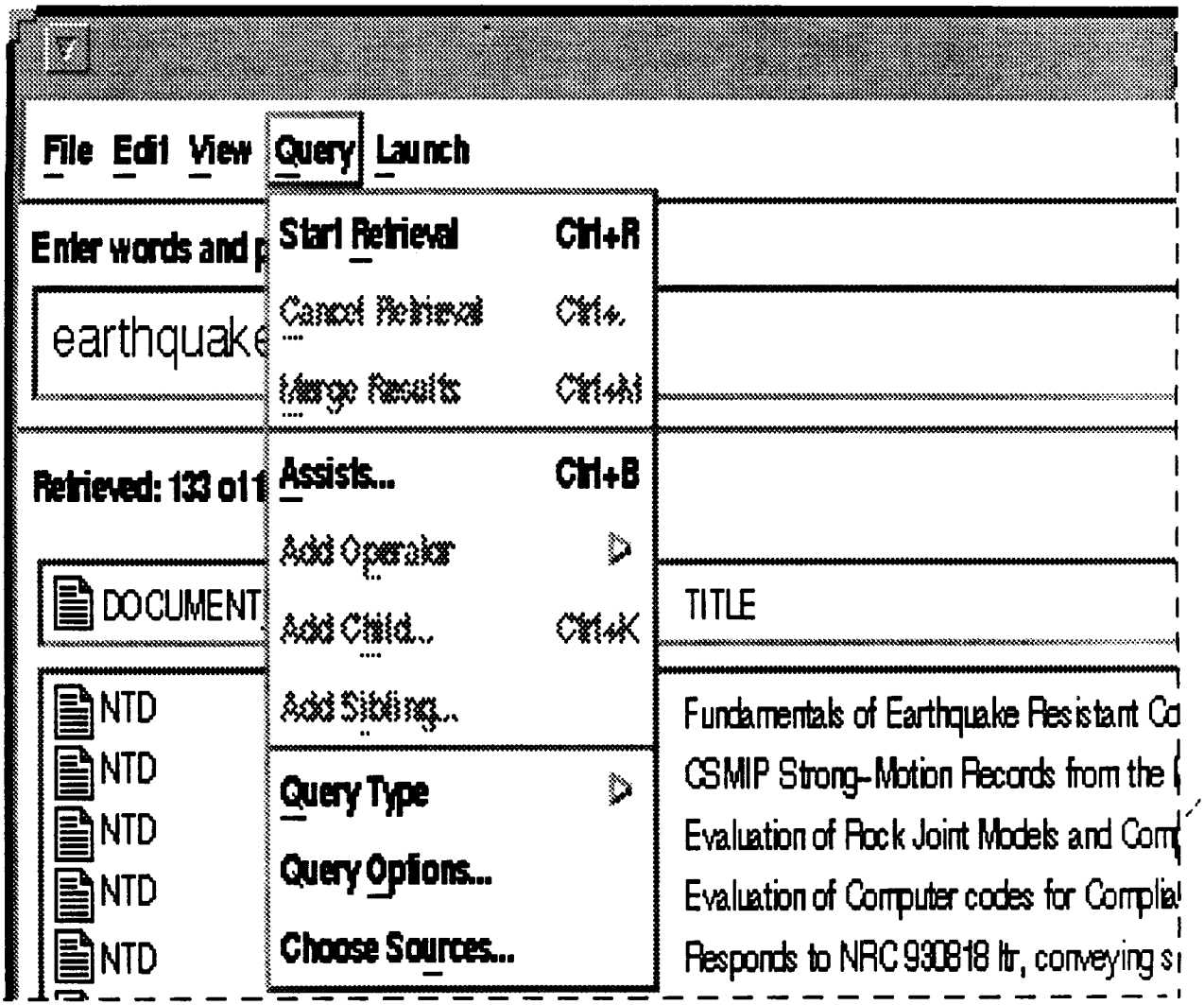

Figure 2-19. TOPIC—Query pull-down menu

Merge Results—Merge the results of a retrieval when results have been obtained from multiple partitions

Assists—Open the *Assists* window to display topics, words, and stems contained in the TOPIC database

Add Operator—Add an operator in a topic query

Add Child—Add a branch topic or a leaf topic to a selected parent

Add Sibling—Add a branch topic or a leaf topic as a sibling to a selected topic

Query Type—Change the type of query window

Query Options—Specify options for the query

Choose Sources—Select a source or set of sources to be used in retrievals

The *Query* pull-down menu is illustrated in Figure 2-19. Those TOPIC options that are most commonly used in the TDOCS are described below.

TOPIC Query Pull-down Menu—Assists Entry

TOPIC includes a number of tools for assisting in formulating queries. These may be accessed through the *Assists* entry in the *Query* pull-down menu.To access the *Assists* window:

1. Select the *Query* entry from the *TOPIC Main Menu*. The *Query* pull-down menu appears (Figure 2-19).

2. Select the *Assists* entry from the *Query* pull-down menu. An *Assists* window appears (Figure 2-20).

3. Select the desired *Assists* entry from the list in the *Assists* Window. See the *TOPIC User's Guide* for more information on this option.

4. Click outside of the *Assists* window to close it.

TOPIC Query Pull-down Menu—Query Type Entry

TOPIC provides facilities for three types of queries including: (i) simple queries, (ii) form queries, and (iii) topic queries. The type of query selected determines the appearance and format of the query entry window. The desired type of query may be selected through the *Query Type* entry in the *Query* pull-down menu.

To select the type of query:

1. Select the *Query* entry from the *TOPIC Main Menu*. The *Query* pull-down menu appears (Figure 2-19).

2. Select the *Query Type* entry from the *Query* pull-down menu. A *Query Type* cascading menu appears (Figure 2-21).

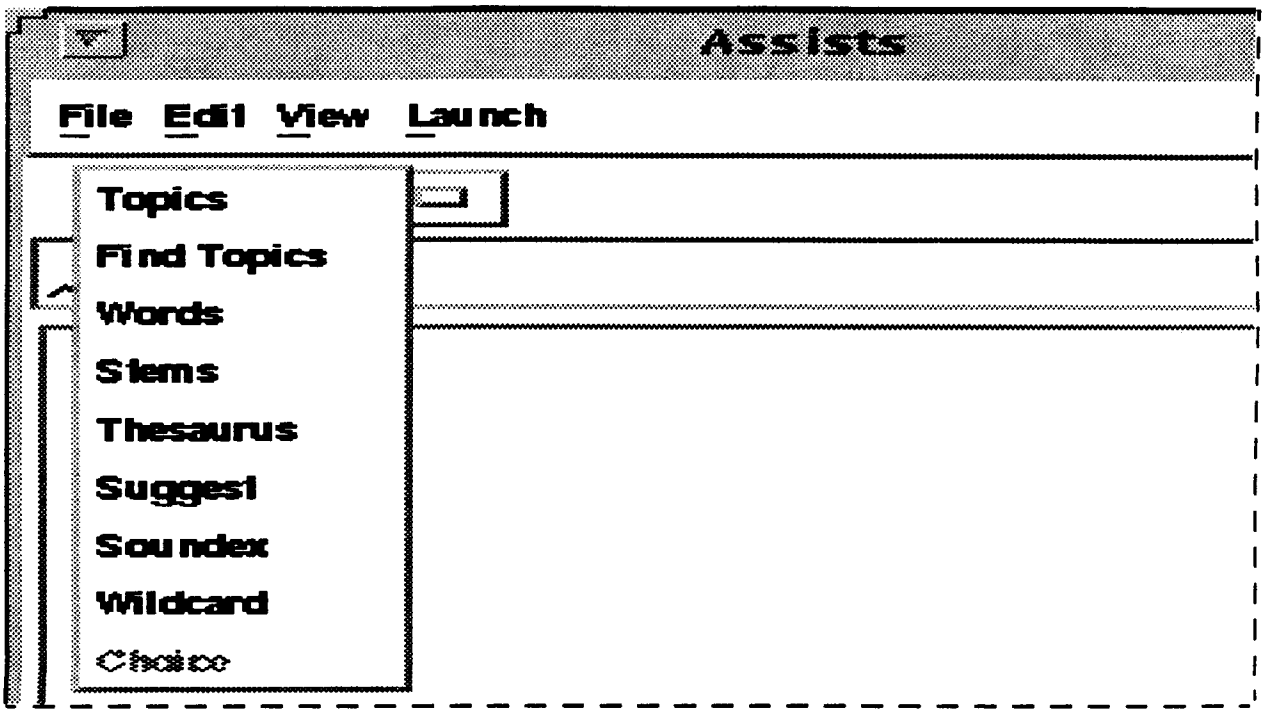

Figure 2-20. TOPIC—Assists options screen

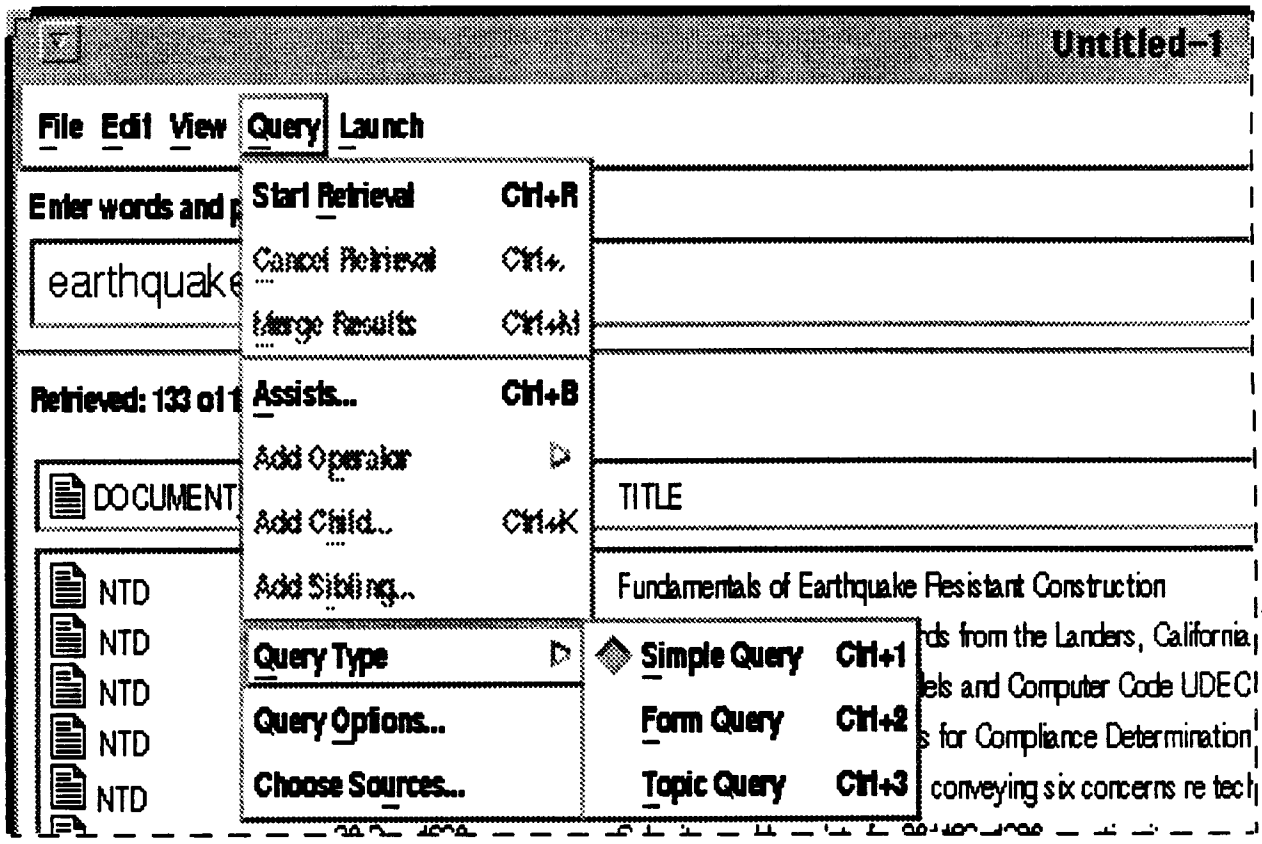

Figure 2-21. TOPIC—Query Type cascading menu

3. Select the desired *Query Type* entry from the *Query Type* cascading menu by clicking the desired entry in the cascading menu.

4. Click outside of the *Query Type* cascading menu to close it.

Instructions for entering simple queries and form queries may be found in Sections 2.8.3 and 2.8.4.

TOPIC Query Pull-down Menu—Query Options Entry

TOPIC provides facilities for associating various options with queries. The query options may be selected through the *Query Options* entry in the *Query* pull-down menu.

To select the query options:

1. Select the *Query* entry from the *TOPIC Main Menu*. The *Query* pull-down menu appears (Figure 2-19).

2. Select the *Query Options* entry from the *Query* pull-down menu. A *Query Options* window appears (Figure 2-22).

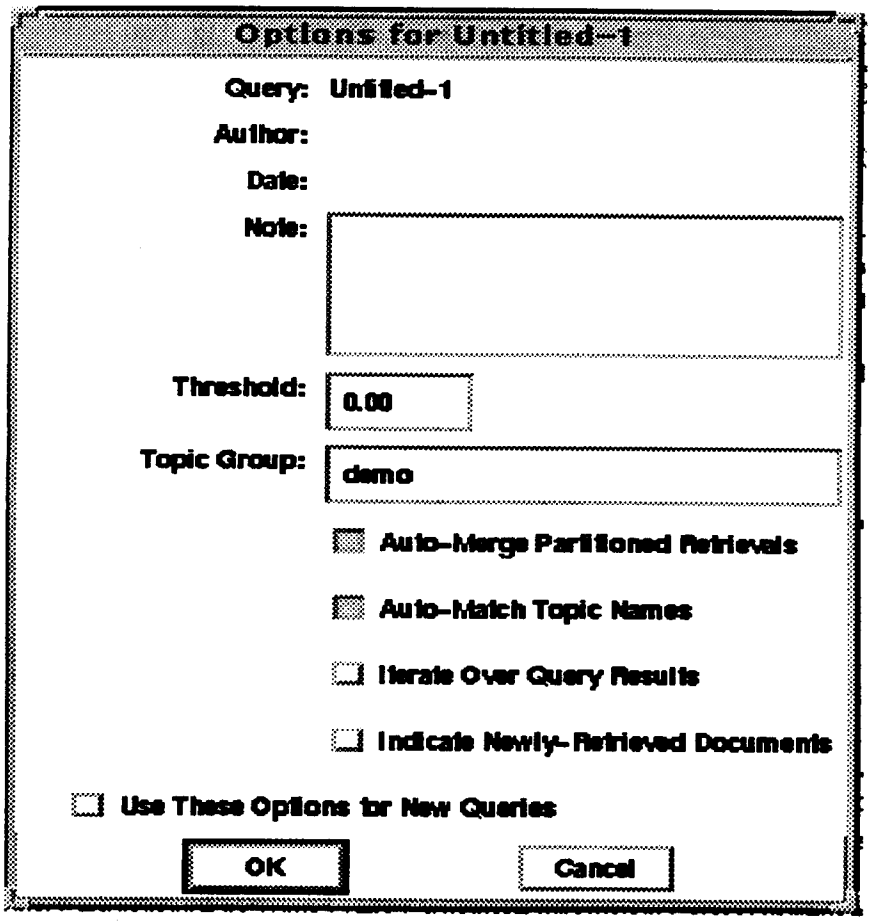

Figure 2-22. TOPIC—query Options screen

3. Select and/or enter the desired query options in this window.

4. Select the *OK* push-button to close the *Query Qptions* window and save the options that have been entered and/or selected.

5. Select the *Cancel* push-button to close the *Query Qptions* window and discard the options that have been entered and/or selected.

TOPIC Query Pull-down Menu—Choose Sources Entry

TOPIC provides facilities for limiting the scope of query searches to selected sets of documents. These selected sets of documents are called "sources." By selecting one or more particular sources, the number of documents searched may be limited and reduce the occurrences of unwanted documents from extraneous sources in the search results list.

To select one or more sources:

1. Select the *Query* entry from the *TOPIC Main Menu*. The *Query* pull-down menu appears (Figure 2-19).

2. Select the *Choose Sources* entry from the *Query* pull-down menu. A *Source Selection* window appears (Figure 2-23).

3. Select one or more sources by clicking the entries in this window. Selected entries are highlighted.

4. Select the *OK* push-button to close the *Source Selection* window and save the selected sources.

5. Select the *Cancel* push-button to close the *Source Selection* window and discard the selected sources.

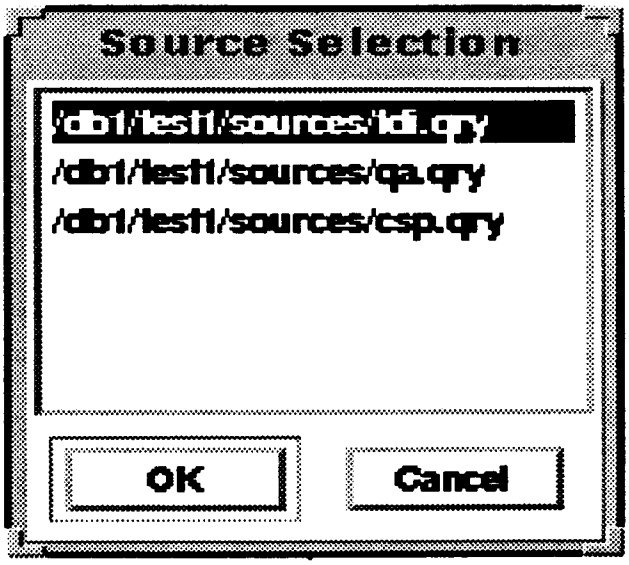

Figure 2-23. TOPIC—Source Selection screen

2.8.2.5 TOPIC Main Menu—Launch Entry

The TOPIC *Launch* pull-down menu provides options for starting other programs and functionality from TOPIC. When the *Launch* entry in the *TOPIC Main Menu* is selected, the *Launch* pull-down menu appears (Figure 2-24). The *Launch* pull-down menu contains the following entries:

Import from File—Import a named file of retrieval results and display them in a query window

Export to File—Export the current retrieval results to a named file

Export Topic to File (User Modifications)—Export the modifications that have been made to a topic to a named file

Export Topic to File (Full Definition)—Export the full definition of a topic to a named file

WordPerfect 5.1—Start WordPerfect 5.1

Only the *WordPerfect 5.1* option is described below.

TOPIC Launch Pull-down Menu—WordPerfect 5.1 Entry

TOPIC provides facilities for starting WordPerfect, using a file selected from the TOPIC full-text database.

To start WordPerfect:

1. Select the *Launch* entry from the *TOPIC Main Menu*. The *Launch* pull-down menu appears (Figure 2-24).

2. Select the *WordPerfect 5.1* entry from the *Launch* pull-down menu. WordPerfect is started.

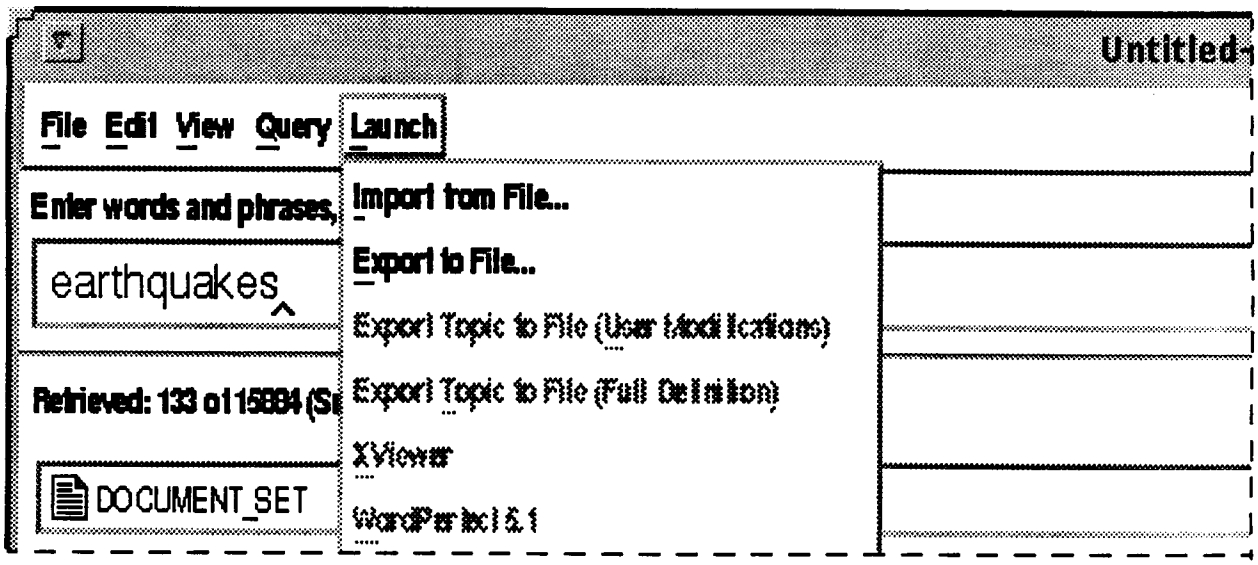

Figure 2-24. TOPIC—Launch pull-down menu

2.8.2.6 Formulating Simple Queries

TOPIC queries are formulated in a very intuitive manner. The following summary of TOPIC syntax is intended to be an introduction that will permit the user to begin searching for records. Training will be provided as required. For more information on TOPIC syntax, contact the CNWRA Help Desk at (210) 522-5258 or the NRC System Administrator (301) 415-8087.

Enter words, phrases, or expressions to find the desired materials in the full-text database.

- Words—Enter a single word or multiple words separated by commas to formulate a TOPIC query. Each word is used to individually to search for documents containing that word. When multiple words (separated by commas) are entered, TOPIC retrieves documents containing any of the specified words. Commas act as Boolean OR operators.

  Words are considered to be stems in that endings are ignored. For example, if the word market is entered, TOPIC selects documents that contain "market," "markets," "marketing," or "marketed."

  To look for a specific word, enclose it in double quotation marks to prevent it from matching as a stem.

  Words are considered to be case insensitive. Thus, for search purposes words may be entered in lowercase, uppercase, or mixed case.

- Phrases—Multiple words may be entered, without separating them with commas, and the system treats them as phrases and retrieve only documents that contain corresponding phrases.

  To search for more than one phrase, separate the individual phrases with commas. For example if the entry is, RADIOACTIVE WASTE, HIGH-LEVEL WASTE, the system searches for documents containing either or both phrases.

  Within phrases, TOPIC treats words as stems. Thus, if the search phrase entry is, HIGH-LEVEL WASTE, TOPIC selects documents that contain the phrases: (i) "high-level waste...," (ii) "high-level wastes...," (iii) "higher-level waste...," or (iv) "higher-level wastes... ."

  To search for a specific phrase, enclose it in double quotation marks.

- Expressions—Indicate the required combinations of phrases and words by using special words such as "and," "or," and "not" to combine the words and phrases into expressions. When one of these reserved words is typed, TOPIC changes its appearance to indicate that the reserved word is being interpreted as a logical operator rather than as a word. For example, if the expression, WASTE AND CONTAINMENT is entered, the system interprets the word "and" as an operator, and displays the query terms as WASTE <AND> CONTAINMENT. This query would only retrieve documents that contain both the words "waste" and "containment."

To use a reserved word such as "and," "or," or "not" as a word in a phrase, it must be enclose it in quotation marks to prevent the system from interpreting it as an operator. For example, WASTE "AND" EMPLACEMENT would be interpreted as a phrase rather than an expression because "and" is enclosed in quotation marks.

2.8.3 Entering a Simple Query

For simple queries, the *TOPIC Simple Query Entry* screen (Figure 2-8) permits the user to enter words, phrases, and/or expressions to search and to view the resulting list of selected documents. The *TOPIC Simple Query Entry* screen for simple queries contains an upper pane and a lower pane, separated by a sash line. The upper pane contains an entry field that can be scrolled if necessary. Words and/or phrases that are to be used for searching are typed into the entry field under the prompt: *Enter words and phrases separated by commas.*

To enter a simple query:

1. Position the cursor in the *Enter words and phrases, separated by commas* entry field of the upper pane of the *TOPIC Query Entry* screen for simple queries (Figure 2-8) and press the left mouse button. This activates the entry field. If a vertical cursor bar does not appear in the upper left-hand corner of the entry field, it may be necessary to move the scroll bar at the right side of the entry field in order to position the cursor at the top of the entry field.

2. Type the desired word(s) and/or phrase(s) in the *Enter words and phrases, separated by commas* entry field. Note that the entry field is initially set up to display only a few lines. However, as many words and/or phrases can be entered as needed. If more information is typed in than can be held on a single line, the words wrap automatically to the next line. If more lines than can be displayed in the entry field are typed in, the text scrolls automatically. To see text that has been typed in that is not currently visible in the entry field: (i) move the vertical scroll bar at the right side of the entry field or (ii) make the entry field larger by selecting and holding the dark bar below the entry field and then dragging the bottom of the entry field downward.

3. When all of the desired search words, phrases, and/or expressions have been entered, start the search either: (i) by pressing the [Return] or [Enter] key, or (ii) by selecting the *Retrieve* push-button under the entry field. As the query is executed, several pieces of status information are displayed: (i) a colored bar at the right side of the window, under the entry field, fills from left to right to indicate how far the query has progressed; (ii) a message at the left side of the window, under the entry field, which has the form "Retrieved: 25 of 150" updates continuously to show how many documents have been selected and how many have been examined by the query; and (iii) the results list in the lower pane of the window fills from top to bottom with a description of the selected records.

2.8.4 Entering Form Queries

TOPIC also supports the ability to search for words and/or phrases in specific "header" fields, such as document title, document type, status, etc. This type of query is called a form query, because the input screen looks like a structured form. When using a form query, the upper pane of the *TOPIC Query Entry* screen (Figure 2-25) contains a list of available fields, each with its own entry field. For each header field and its associated entry field, there is an option labeled *Require*. If this option is selected for a field, the field will be required for the search to be satisfied. Otherwise, the field will be considered optional.

2.8.4.1 Selecting the Form Query Entry Mode

TOPIC normally starts in simple query mode. The first query screen will be formatted to accept simple queries. To enter a form query, change to *Form Query* mode.

To change TOPIC to form query mode:

1. Select the *Query* entry from the menu bar of the *TOPIC Main Menu* screen. A pull-down menu appears with various query options (Figure 2-19).

2. Select the *Query Type* entry from the *Query* pull-down menu. A cascading menu appears listing the available types of queries (Figure 2-21). The type of query currently selected is indicated with a shaded radio button.

3. Select the *Form Query* entry from the *Query Type* cascading menu. The *Query* pull-down menu disappears, and the upper pane of the *TOPIC Query Entry* screen changes to accept a form query (Figure 2-25).

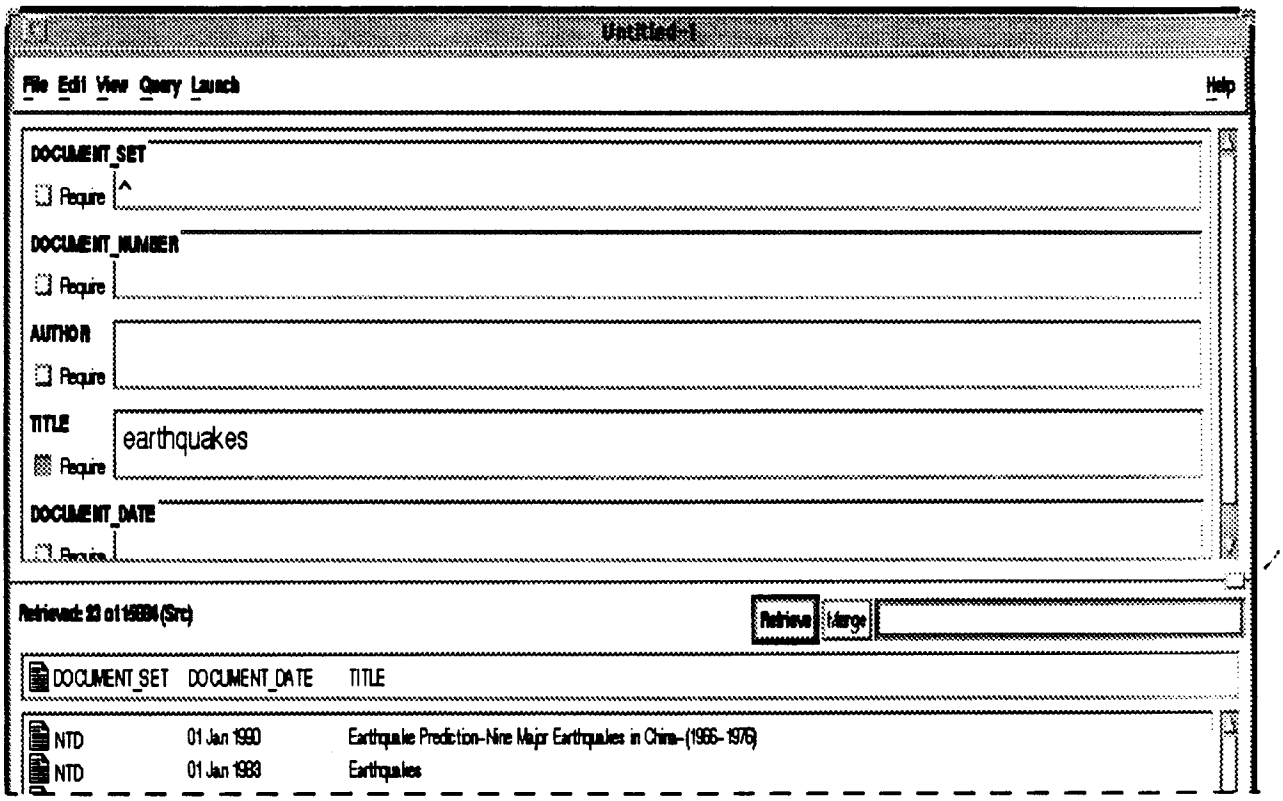

Figure 2-25. TOPIC—entry screen for form queries

2.8.4.2 Using a Form Query

Words and/or phrases may be entered into a form query just as in a simple query, but the words and/or phrases are associated specific fields. Thus, if the word "earthquakes" is searched for in the *Title* field, the resulting query will select all documents with the word "earthquakes" in the title.

To enter search information into a form query:

1. Enter the search word(s) and/or phrase(s) in the entry field next to the desired header field.

2. Select the *Require* option for the field if the search information is required rather than optional.

3. Repeat Steps 1 and 2 for each desired field.

4. When the search information for all desired fields has been entered, press the [Return] or [Enter] key or select the *Retrieve* push-button to start the query retrieval.

2.8.5 Selecting Documents for Viewing from the Results List

As a query runs, two pieces of information are updated in the status area immediately below the *Query Entry* pane. On the left of the status area, there is a message that displays the number of records selected out of the number of records that have been examined. On the right of the status area, there is a bar-indicator that fills with color, left to right, to indicate the percent of the query completed. When the bar is completely filled with color, the search has completed, and a brief description of the selected documents will appear in the results list located immediately below the status area (see Figure 2-26, which illustrates a typical results list following a simple query).

The results lists contains the following information about each selected document:

DOCUMENT_SET—A code indicating the type of document (e.g., NTD, LLW, TDI, NIST, etc.).

DOCUMENT_DATE—The date of the document.

TITLE—The title of the document appears in this field. Note that the title may be too long to display within the results list pane. If this is the case, select and move the horizontal scroll bar indicator at the bottom of the results list to shift the display left or right as needed.

To select a document in the results list for viewing:

1. Select the desired entry in the results list. The selected document is retrieved and displayed in a separate window.

2. To view more than one document at a time, position the cursor and select additional documents. Each document is displayed in its own window.

3. The TOPIC window may be maximized to include the entire screen.

Untitled-1

File Edit View Query Launch

Enter words and phrases, separated by commas:

earthquakes

Retrieved: 133 of 15884 (Src)

Retrieve | Merge

DOCUMENT_SET	DOCUMENT_DATE	TITLE
TDI	01 Jan 1992	Recent Advances in Earthquake Engineering and Structural Dynamics
NTD	01 Apr 1991	National Clearinghouse for Loma Prieta Earthquake Information Catalog November 1991-A Supplem
NTD	01 Apr 1991	National Clearinghouse for Loma Prieta Earthquake Information Catalog April 1992
NTD	01 Apr 1991	National Clearinghouse for Loma Prieta Earthquake Information Catalog April 1991
NTD	01 Oct 1992	National Clearinghouse for Loma Prieta Earthquake Information Catalog October 1992
NTD	01 Jan 1992	Assessment of Regional Earthquake Hazards and Risk Along the Wasatch Front, Utah
NTD	01 Nov 1992	Quaternary Faulting Within 100 km of Yucca Mountain, Including the Walker Lane-Study Plan 8.3.1
NTD	01 Jan 1991	Earthquake Hazards in the Pacific Northwest: An Overview-Map
NTD	01 Jan 1992	Proceedings of the National Earthquake Prediction Evaluation Council-June 11-12, 1991 Alta, Utah
NTD	01 Jan 1992	Assessment of Regional Earthquake Hazards and Risk Along the Wasatch Front, Utah
NTD	01 Jan 1990	1990 Proceedings of the National Earthquake Prediction Evaluation Council
NTD	01 Feb 1993	Earthquake Spectra
NTD	01 Oct 1988	Engineering Model of Earthquake Ground Motion for Eastern North America
NTD	08 Apr 1993	Provides questions prepared for Plenary Session on 1993 Little Skull Mountain Earthquake Intl Hight
NTD	01 Jan 1992	Earthquake-Induced Water-Level Fluctuations at Yucca Mountain, Nevada, April, 1992
NTD	01 Jan 1992	The Loma Prieta, California, Earthquake of October 17, 1989 - Marina District
NTD	01 Jan 1990	Santa Cruz Seismic Investigations Following the October 17, 1989 Loma Prieta Earthquake
NTD	01 Jan 1992	Planning for Earthquakes Risk, Politics, and Policy

Figure 2-26. TOPIC—query results list

4. The individual document windows may be moved around within the TOPIC window to permit viewing of two or more documents concurrently. To move a document window: (i) position the cursor on the title bar, (ii) press and hold the mouse button, (iii) drag the window to the desired location, and (iv) release the left mouse button to leave the window in its new position.

2.8.6 Viewing Selected Documents

When a document has been selected from the results list for viewing, it will appear in a display window. The search term(s) used to retrieve the document will be highlighted (Figure 2-27), and "navigation" facilities are provided to permit a rapid "jump" through the document display to the next or previous occurrence of the search term.

To search for the next or previous occurrence of the search term:

1. Select the *Navigate* options from the menu bar of the *TOPIC Main Menu*. The system displays the Navigate pull-down menu (Figure 2-28).

2. To find the next search term, select *Next Highlight*.

3. To find the previous search term, select *Previous Highlight*.

Facilities are provided to search for additional words and/or phrases that were not used as original search terms.

To find additional words and/or phrases in the text:

1. Select the *Navigate* option from the menu bar of the *TOPIC Main Menu*.

2. Select the *Find Text* entry in the *Navigate* pull-down menu. Another entry window is displayed where the word(s) or phrase(s) that are to be found can be entered (Figure 2-29).

3. Enter the desired word(s) or phrase(s), and select *Find Next* to find the next occurrence or *Find Previous* to find the previous occurrence.

4. Select *Dismiss* to exit from the text search window.

Facilities are also provided to display the next or previous document in the selection list.

To display the next or previous document in the selection list:

1. Select the *Navigate* option from the menu bar of the *TOPIC Main Menu*.

2. To display the next document in the selection list, select *Next Document*.

3. To find the previous document in the selection list, select *Previous Document*.

Untitled-1: Earthquake-Induced Wate

File Edit Navigate Launch

DOCUMENT_SET: NTD
DOCUMENT_NUMBER: N199306230005
SUBJECT_CODE: 406.4.1
DOCUMENT_TYPE: REPORT
AUTHOR: O'Brient, G.M.
DOCUMENT_DATE: 01 Jan 1992
SOURCE:
TITLE: Earthquake-Induced Water-Level Fluctuations at Yucca Mount
PUBLISHER: U.S. Geological Survey
PUBLICATION_LOC: Denver, CO
PAGE_REFERENCE:
SUBMITTER: NRC

REPORT_NUMBER: OPEN-FILE REPORT 92-137
STORAGE_LOCATION: NRC
COPIES: 1
MEDIA_TYPE:
AFFILIATION: U.S. Geological Survey

DOCUMENT_ID: 13804
CUSTODIAN: unknown
SUBMISSION_DATE: 23 Jun 1993
DOCUMENT_STATUS: 2

ABSTRACT: This report presents earthquake-induced water-level and fluid-pressure da Mountain area, Nevada. On April 22, 1992, a 6.2-magnitude earthquake occurred in south 50 centimeters in well USW H-5. Within 18 hours on April 25-26, 1992, three major earth earthquakes were detected in well USW H-5. The maximum water-level fluctuation from

Figure 2-27. TOPIC—document display

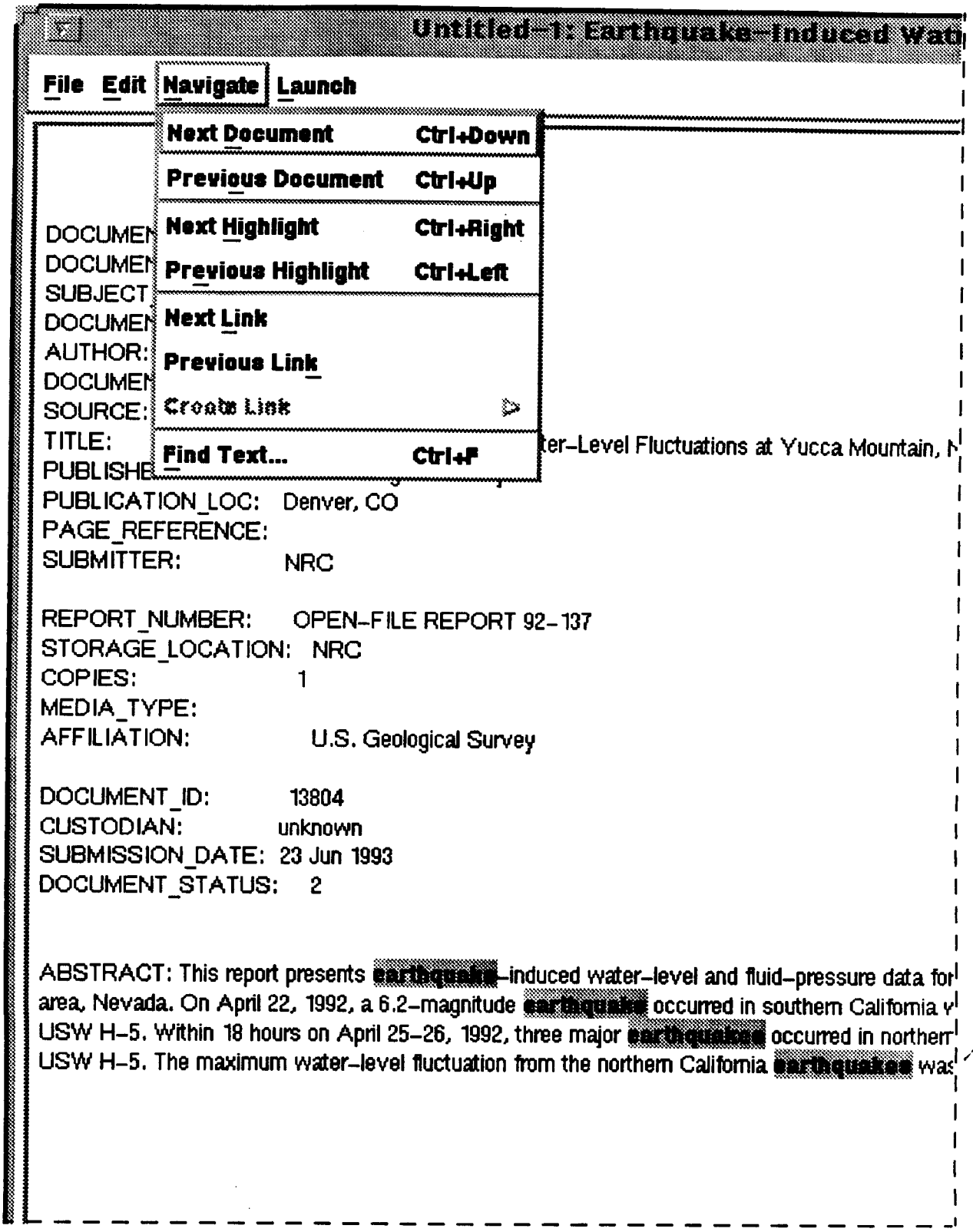

Figure 2-28. TOPIC—Navigation pull-down menu

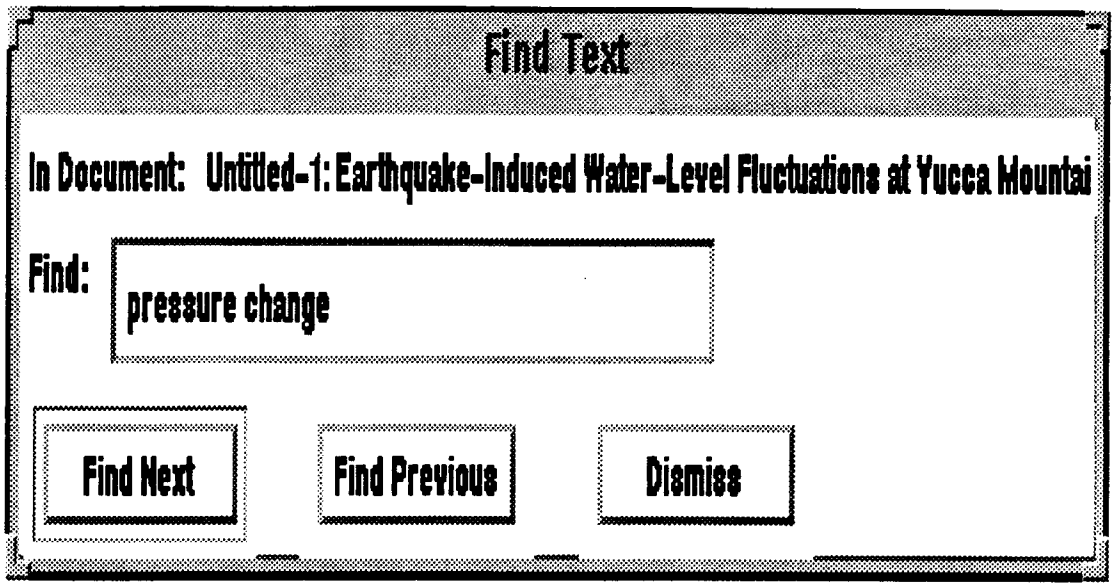

Figure 2-29. TOPIC—navigation facilities—Find Text entry screen

2.8.7 Launching WordPerfect

A document that has been selected for display may be viewed and/or edited in a file with WordPerfect. While documents in the TDOCS may be edited using WordPerfect, they may not be saved directly into the TDOCS. However, the user may freely access records from the TDOCS, modify them, incorporate them into other work products, and save them on a local hard disk or a diskette.

When a document has been selected for display using the TDOCS search facilities, an icon and descriptive line (i.e., *Edit document*) appears at the top of the document. If this icon is clicked upon, the system will start a WordPerfect session in another window using the selected document. WordPerfect functions can then be performed on this document. If the results of the WordPerfect session are saved, the WordPerfect save action will not modify the record in the TDOCS.

2.8.8 Displaying Images

Many documents contain graphical images, figures, etc., that may be displayed through the image display facilities of TOPIC. Images and text are stored in different formats, and a special facility is required to display images. The normal TOPIC display for documents includes the text and icons representing any graphical images. Figure 2-30 illustrates a document that contains an image represented by an icon embedded in the text. If an image icon is clicked upon, the system will start the image viewer in another window using the selected image (Figure 2-31).

To view an embedded image from a TOPIC document display:

1. Click on the icon for the desired image. The system displays the image in a separate window.

2. When finished viewing the image, close the image window by clicking on the upper left corner of the window and selecting *Close* from the pull-down menu.

Untitled-1: Geochemical Natural Analogs

File Edit Navigate Launch

artifacts found at the site, and development patterns of the culture) to have been a wealthy town and to have been the largest settlement on Thera (C. Palyvou, personal communication, 1992). The absence of human skeletons or body molds in the ash suggests that the citizens had some warning of the impending major eruption, perhaps earthquakes and/or light ash falls, and fled the town (C. Doumas, personal communication, 1992). This interpretation is consistent with the lack of valuable materials or artifacts found at the site. Some of the bronze artifacts discovered at Akrotiri appear to have been hidden prior to abandonment of the town (Marianatos, 1971).

7.3 Geologic Setting of the Akrotiri Analog

Santorini comprises a complex of volcanoes located about 100 km north of Crete (Figures 1 and 2). A great eruption in approximately 1645 BC (Hammer et al., 1987) buried a Minoan city under volcanic debris on what is now the Akrotiri peninsula on the island of Thera within the Santorini group. This event was one of the largest explosive eruptions in post-glacial time; a caldera with an area of 83 km2 and a depth of 600 – 800 m was formed (Watkins et al., 1978) (Figure 3). Prior to the 1645 BC eruption, a single large island known as Stronghyle (Pichler and Friedrich, 1980) occupied the area of the Santorini group. The great eruption destroyed Stronghyle and left the islands of Thera, Therasia, and Aspronisi as remnants. During the past 1800 years, the islands of Palea and Nea Kameni have formed in the caldera by submarine and subaerial volcanism (Pichler and Kussmaul, 1980).

<<< FIGURE 7-1 >>>

The Santorini volcanic group is part of a chain of a dozen inactive or dormant

Figure 2-30. TOPIC—document display

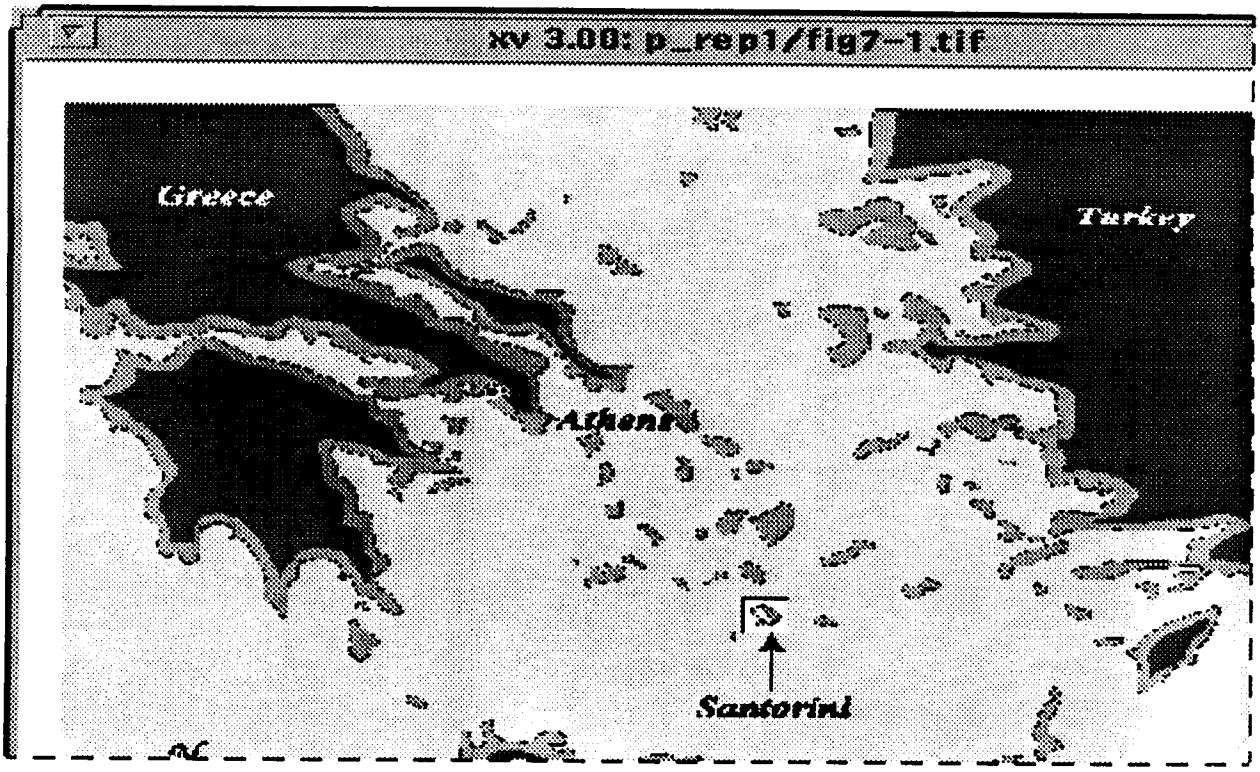

Figure 2-31. TOPIC—image display

2.8.9 Exiting From the Record Search Facility

To exit from the Search facility:

1. Select the *File* entry in the menu bar at the top of the *TOPIC Query Entry* screen. The system displays the *File* pull-down menu.

2. Select the *Exit* entry from the *File* pull-down menu. TOPIC displays a message asking whether to save or discard the current query and waits for a response (Figure 2-11).

3. In most cases, it is not desirable to save the current query. Select the *Discard* push-button under the message. The TOPIC full-text search and retrieval environment terminates, and the *TDOCS Main Menu* displays again.

2.9 MAIN MENU—HELP ENTRY

The TDOCS provides on-line help for that is configured to reflect the individual user's authorities and permissions.

To access the on-line Help from the *TDOCS Main Menu*:

1. Select *Help* from the menu bar of the *TDOCS Main Menu* (Figure 2-4). A *Help* pull-down menu appears with entries for *Help* and *About* (Figure 2-32).

2. Select *Help*, or press the mnemonic key [h] or the accelerator key [Ctrl+H], the Help Index screen appears, allowing selection of help topics.

3. Select the *About* entry, or press the mnemonic key [a], a description of the TDOCS is displayed.

To use the *Help* entry in the *Help* pull-down menu:

1. Select the *Help* entry from the *Help* pull-down menu (Figure 2-32). The *Help Index* window is displayed (Figure 2-33).

2. Select the desired entry from the *Help Index* window and press the *OK* push-button to display the help topics for that entry.

Similar help functions are available from all other TDOCS and TOPIC full-text search screens.

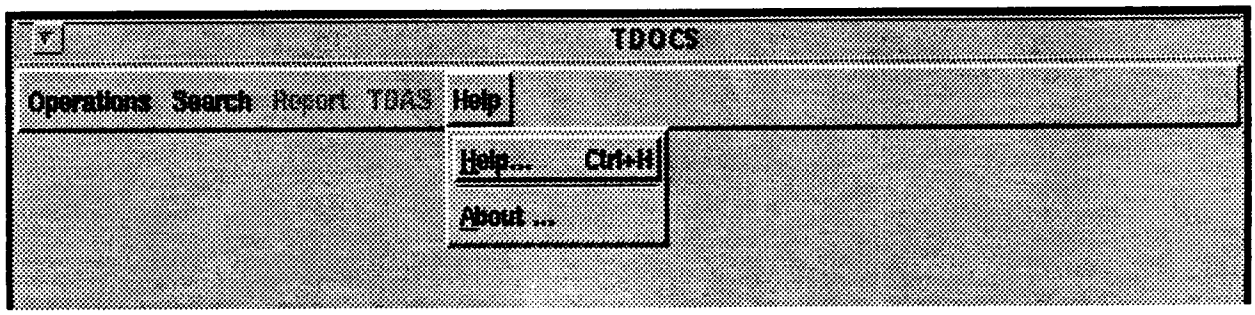

Figure 2-32. TDOCS—Help pull-down menu

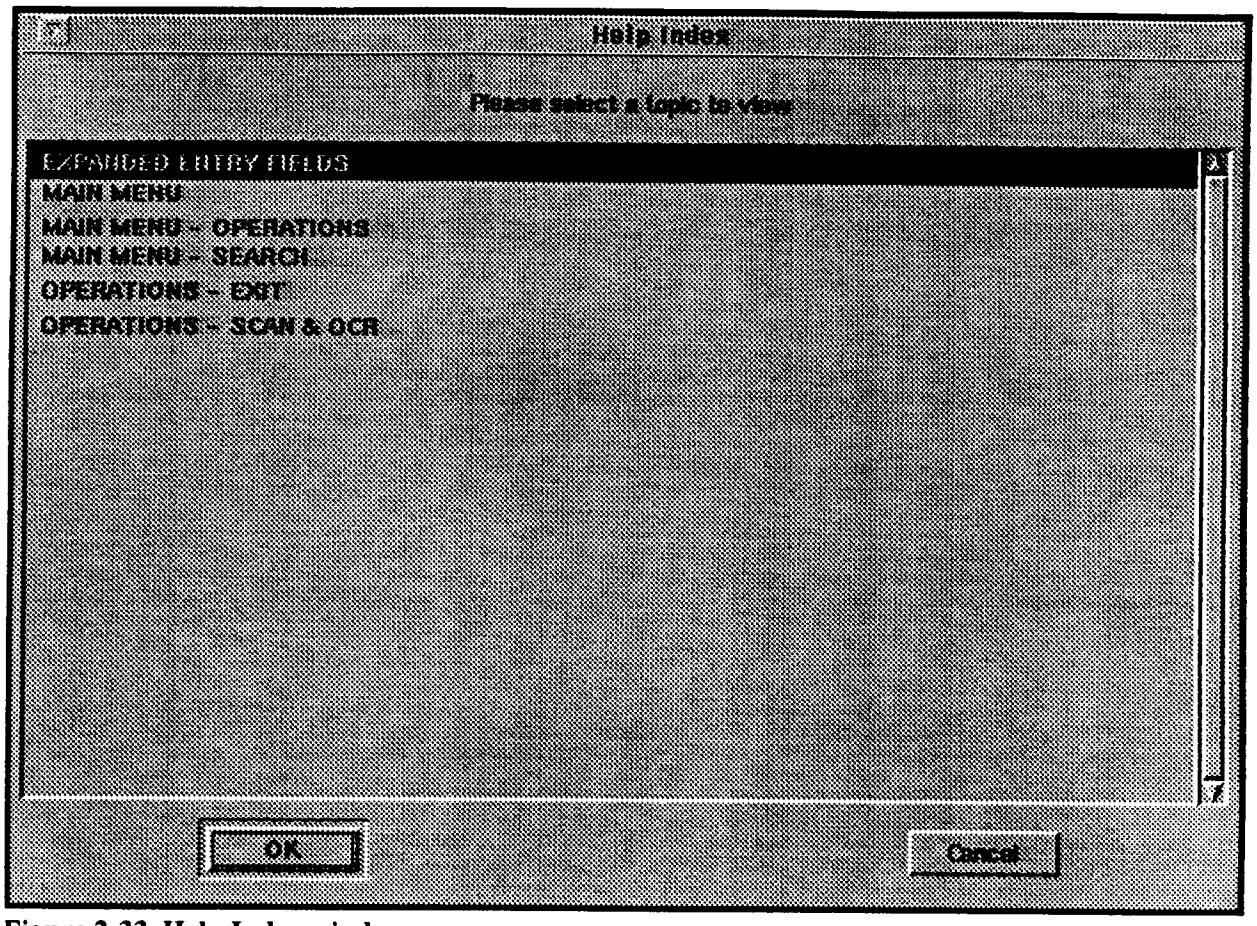

Figure 2-33. Help Index window

3 REFERENCES

Open Software Foundation, Inc. 1993. *OSF/MOTIF*™. Revision 1.2. Englewood Cliffs, NJ: PTR Prentice-Hall, Inc.

Que Corporation. 1994. *Using Windows*™. Edition 3.11. Carmel, IN: Division of Macmillan Publishing Co., Inc.

APPENDIX A

ERROR MESSAGES

A ERROR MESSAGES

Custodian/administrator assistance is available at the following phone numbers:

- Nuclear Regulatory Commission System Administrator (310) 415-8087(8:00 a.m. - 5:00 p.m., EST)
- Center for Nuclear Waste Regulatory Analyses Help Desk (210) 522-5258(8:00 a.m. - 5:00 p.m., CST)

ERROR MESSAGE	ERROR INFORMATION/USER ACTION
Bad working directory.	Server cannot change to proper directory. Contact the database custodian/administrator and report the error message.
Client file error (%Id).	Cannot save file to local disk: (i) use the owner account (permissions), or (ii) clean off the disk.
Client Memory Error.	Client out of memory. Close some applications.
Could not write document.	Contact the database custodian/administrator and report the error message.
Document synchronization failed	Retry the operation. If the problem reoccurs, verify that the server is up and functioning. If the network connection is up and functioning, and the problem persists, contact the database custodian/administrator and report the error message.
Error connecting to server.	Server is not functioning. Contact the database custodian/ administrator and report the error message.
Input Data Too Long.	Input data too long for field(s). Re-enter abbreviated form of data.
Invalid Document Type.	Unknown document type passed to server. Contact the database custodian/administrator and report the error message.
No more records.	Contact the database custodian/administrator and report the error message.
RPC Call timed out.	System error. Contact the database custodian/ administrator and report the error message.
Server File Error (%Id).	Cannot read/write file. Contact the database custodian/ administrator and report the error message.
Server list data error.	Contact the database custodian/administrator and report the error message.

ERROR MESSAGE	ERROR INFORMATION/USER ACTION
Server Memory Error.	Server out of memory. Contact the database custodian/ administrator and report the error message.
SQL Error (%Id).	System error. Improper installation. Contact the database custodian/administrator and report the error message.
Unable to find `rpc.dll`.	Contact the database custodian/administrator and report the error message.
Unknown Server Error.	Contact the database custodian/administrator and report the error message.
Version Error	Installation problem. Contact the database custodian/ administrator and report the error message.