

# Lawrence Berkeley National Laboratory

## LBL Publications

### Title

Energinfo Vol 7 No 4

### Permalink

<https://escholarship.org/uc/item/96k5569t>

### Author

Lawrence Berkeley National Laboratory

### Publication Date

1983-04-01

### Copyright Information

This work is made available under the terms of a Creative Commons Attribution License, available at <https://creativecommons.org/licenses/by/4.0/>

## **DISCLAIMER**

This document was prepared as an account of work sponsored by the United States Government. While this document is believed to contain correct information, neither the United States Government nor any agency thereof, nor the Regents of the University of California, nor any of their employees, makes any warranty, express or implied, or assumes any legal responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by its trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof, or the Regents of the University of California. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof or the Regents of the University of California.



# energinfo™

the latest developments about  
DOE'S Technical Information Program,  
Products and Services

United States Department of Energy, Technical Information Center, P.O. Box 62, Oak Ridge, TN 37830

RECEIVED  
MAY 12 1983  
Ref  
L.B.L. LIBRARY

## DOE Administrator Visits TIC

Vol. 7, No. 4

April, 1983

Martha O. Hesse, Assistant Secretary for Management and Administration, visited the Technical Information Center March 4 as part of her tour of DOE facilities in Oak Ridge. Hesse came to acquaint herself with the Technical Information Services Program and with the Center, which is the Department's central facility for managing the scientific, technical, and engineering information generated by DOE-funded research, as well as worldwide R&D energy information.

Joseph G. Coyne, Manager, Technical Information Center, presented an overview of the DOE Technical Information Services Program, including program resources, technical resources, and program impacts and goals.

### CONTENTS

|  |   |
|--|---|
| DOE Administrator Visits TIC .....             | 1 |
| Wanted: User Feedback on TIC Services .....    | 1 |
| TIC Answerline .....                           | 2 |
| GRP Data Base is No. 50 .....                  | 3 |
| More on SuperSELECT .....                      | 4 |
| Hints for TYMNET Users .....                   | 4 |
| Alternate Address for DOE/RECON Payments ..... | 4 |
| IPS File Dropped .....                         | 5 |
| DOE/RECON Statistics .....                     | 5 |
| DOE/RECON Calendar of Events .....             | 5 |

A demonstration of the data bases followed. Hesse was also briefed on the Technical Information Monitoring System and the DOE/RECON network. The visit concluded with a tour of the Technical Information Center.

### Wanted: User Feedback on TIC Services

If you use Technical Information Center products or services, the Center wants to hear from you. As DOE program emphases change and expand, the information needs of the people in the field change also. Meeting the information needs of DOE program managers, scientists, and engineers is one of the Center's primary responsibilities, but to do this effectively and economically, it must have feedback from its "customers." TIC users are currently being invited in several ways to provide information on their needs.



Vincent C. Guidace, left, Assistant Manager for Data Base Development and Operations, discusses the Center's computer operation with Hesse and Coyne during the tour of the Technical Information Center.

(Continued on page 2)

PUB-416

---

## TIC ANSWERLINE

---

**Q:** *I located a Russian book online on the Energy Data Base. The source given is the Technical Information Center. Can I obtain the book from the Center?*

**A:** If the book was published between 1977 and 1982, there is a good possibility that TIC can loan you a copy. For books published before 1977, the best bet is to inquire of the Library of Congress.

In the past, the Center obtained Russian books through the Moscow Single Fund, a joint enterprise with the State Department. Each year the Center selected subject areas of interest and allocated a sum of money for the purchase of Russian books by the U.S. Embassy in Moscow.

When TIC received a book, it arranged for an English language abstract if none was available (the entire book was not translated) and entered the information into the data base. The book could then be borrowed from the Center on interlibrary loan.

This system proved unsatisfactory because the Center had no facilities for archiving the books permanently. When the storage area was filled, the books had to be transferred to another location. They were sent to the Library of Congress.

Books currently at the Center are those purchased from 1977 through 1982 and are likely the only copies available in the United States.

Russian books are no longer purchased by the Center. In the future, EDB coverage of Soviet literature will come through an arrangement with Plenum Publishing Corp., which will be listed in the availability note.

Inquiries about the Russian collection should be addressed to:

Doris Vannoy  
Cataloging and Bibliographic Support Division  
Technical Information Center  
P.O. Box 62  
Oak Ridge, TN 37830  
FTS: 626-1277  
Commercial: (615) 576-1277

*If you have a question, please send it to Meg Jared, Special Publications and Editing Division, Technical Information Center, P.O. Box 62, Oak Ridge, TN 37830 or call FTS 626-6299 or commercial (615) 576-6299.*



---

*(FEEDBACK, continued from page 1)*

Organizations and individuals receiving DOE reports, the Center's abstract publications, or other materials must have their addresses recertified every year. This year, addressees are being asked to list their needs as well, and to make suggestions, comments, and requests. The annual recertification, a legal requirement, began in early March. The first groups being contacted are integrated contractors and DOE offices. The recertification package includes a list of materials now being received from the Center, a fact sheet that briefly describes the products and services available, and a feedback sheet.

Feedback sheets will also be appearing in the Center's Update journals—*Fusion Energy Update*, *Fossil Energy Update*, *Solar Energy Update*, and *Energy and the Environment*—in the near future. The Center is considering making some changes in the Updates (e.g., converting some to bulletins), and readers are being asked for input before the final decisions are made. (See "Changes in TIC Publications for 1983," *Energinfo*, January.)

Another approach to obtaining user feedback is the "TIC Answerline" column in *Energinfo*. In this case, instead of asking questions, the Center supplies answers. The purpose of the column, which appears from time to time, is to answer frequently asked questions about the Center's products, services, policies, and procedures. Anyone having a question can write or call the Center for an answer. Questions believed to have a broad interest among *Energinfo* readers will be answered in the column.

energinfo™

Published by the Information Research Group, Lawrence Berkeley Laboratory, under Contract No. DE-AC03-76SF00098 for the Department of Energy's Technical Information Center to fulfill requirements that DOE and its contractor organizations be informed about the Department's technical information program and activities.

**Editors:**

Margaret Hu and Rita LaBrie  
Lawrence Berkeley Laboratory, 50-130  
University of California  
Berkeley, CA 94720  
(415) 486-6307, or FTS 451-6307

**TIC Liaison:**

Meg Jared  
DOE Technical Information Center  
P.O. Box 62  
Oak Ridge, TN 37830  
(615) 576-6299, or FTS 626-6299

To obtain copies or for address changes or deletions, contact the editor. The contents are reproducible without permission.

# DOE/RECON NEWS

## GRP Data Base is No. 50

One of DOE/RECON's latest additions, the German Research in Progress (GRP) data base, contains current information on energy research in the Federal Republic of Germany. The file was updated on March 14, bringing the total number of citations to 1,839. The initial load on September 24, 1982 contained 743 citations. The citations are either updates of ongoing research projects or summaries of new projects.

This data base has many of the fields also found in the DOE/RECON Research in Progress (RIP) data base—e.g., Performing Organization, Support Organization, Monitors, and Organization Code. The subject category fields, both primary and secondary, are indexed on the first two digits, the first four digits, and all six digits to enable either a broad or a narrow definition of the category. The starting and ending dates are indexed similarly in that they are indexed by

year, year/month, and year/month/day. Unavailable dates are indicated by 'NA' (e.g., CD=NA). The funding field(s) are in Deutschmarks. Although the abstracts were received in both English and German, only the English version is available on the DOE/RECON system.

In the displayed categories field, the first category mentioned is indexed as the primary category; all others are indexed as secondary categories. Index pairing of descriptor terms is handled as in EDB.

The accompanying table lists GRP data elements and their print/display formats.

For further information on the GRP data base, contact David Bost, Technical Information Center, Oak Ridge, Tennessee, FTS 626-1155 or (615) 576-1155.

—Ross J. Toedte, DOE/RECON Staff, ORNL

### File No. 50: German Research in Progress (GRP) Unit Record

| Data Element                 | Search-able Field | Printable Fields in Formats |   |   |   |   |   |   | Search by | Example                       |
|------------------------------|-------------------|-----------------------------|---|---|---|---|---|---|-----------|-------------------------------|
|                              |                   | 0                           | 2 | 3 | 4 | 5 | 6 | 7 |           |                               |
| Title Words                  | x                 | x                           | x | x | x | x | x | x | TI        | TI=REPROCESSING               |
| Investigator                 | x                 | x                           | x | x |   | x | x | x | PI        | PI=HUSCHKA, H.                |
| Organization Code Performing | x                 | x                           | x |   |   |   |   |   | OC        | OC=Q                          |
| Organization Contract        | x                 | x                           | x | x |   | x |   | x | PO        | PO=MUENCHEN                   |
| Organization Support         |                   | x                           | x | x |   | x |   | x |           |                               |
| Organization Monitors        | x                 | x                           | x | x |   | x |   | x | SO        | SO=BONN                       |
| Contract Number Research     | x                 | x                           | x |   |   | x |   | x | MO        | MO=LEHRSTUHL                  |
| Location                     | x                 | x                           |   |   |   | x |   |   | CN        | CN=KWA14363                   |
| Starting Date                | x                 | x                           | x |   |   | x |   | x | LC        | LC=HANNOVER,<br>GERMANY, F.R. |
| Completion Date              | x                 | x                           | x |   |   | x |   | x | SD        | SD=801001                     |
| Funding                      |                   | x                           |   |   |   | x |   | x | CD        | CD=83                         |
| Total Funding                |                   | x                           |   |   |   | x |   | x |           |                               |
| Staffing                     |                   | x                           |   |   |   | x |   | x |           |                               |
| Notes                        |                   | x                           |   |   |   |   |   |   |           |                               |
| Primary Category             | x                 | x                           | x |   |   | x |   | x | PC        | PC=01                         |
| Subject Category             | x                 | x                           | x |   |   | x |   | x | NC        | NC=0104                       |
| Abstract                     | x                 | x                           |   |   | x | x |   | x | AB        | AB=PLUMES                     |
| Descriptors                  | x                 | x                           | x |   |   | x |   |   | IT        | IT=BLACK COAL                 |
| References                   |                   | x                           |   |   |   |   |   |   |           |                               |
| Major Subject Descriptor     | x                 | x                           | x |   |   | x |   |   | MD        | MD=REACTOR<br>SAFETY/*        |

## More on SuperSELECT

The superSELECT capability, implemented on DOE/RECON in January 1983, has greatly enhanced searching on the system. The article "Select Command Gets SuperSELECT Capabilities" in the December 1982 issue (Vol. 6, No. 12) explained the basic functions of the superSELECT command. Here we further illustrate how superSELECT can be used on different data bases.

### *Super SELECTing E or R Numbers*

The superSELECT can be used to combine E or R numbers from an EXPAND command, e.g.:

```
S E6 OR E8 OR E11
```

This will produce a separate set for each E number and then combine them in a subsequent set. This is different from the direct SELECT

```
S E6,E8,E11
```

which ORs all citations into one set. In addition, the E or R numbers can be combined with other terms:

```
S (E1 OR R3) AND MANUFACTURING
```

### *SuperSELECTing Terms with \**

Terms containing an asterisk (\*) should be put in double quote marks (" ") when used in superSELECT; otherwise, the asterisk will be interpreted as a Boolean operator. For example, in the Energy Data Base (EDB) and other TIC files, searching the Main Heading in the Major Descriptor (MD=) index requires double quotes:

```
S AUTOMOBILES AND ("MD=GASOHOL/*"  
OR MD=GASOHOL/Q)
```

Note that the Qualifier (Q) in the MD= index does not require double quotes.

In the Tulsa data base (TUL, file no. 24), the Primary Descriptors, denoted by an asterisk in the IT= index, should be searched as:

```
S COST AND "DRILLING (WELL)/*"
```

The same is true of searching the Petroleum Handling and Processing data base (PHP, file no. 46). To find Major Terms in the IT= index, double quotes are needed for superSELECT:

```
S "STORAGE FACILITY*" NOT USA
```

### *SuperSELECTing Funding in EPD*

In the Electric Power data base (EPD, file no. 39), the four funding indexes—Current Year Funding (CF), Prior Years Funding (PF), Future Years Funding (FF) and Total Funding (TF)—should be put in double quotes when used in superSELECT. For example:

```
S COAL LIQUEFACTION AND "TF=$ 1$"
```

In this example, research on coal liquefaction with

funding equal to or above one million dollars is requested. Please note that there are two spaces before 1, and that the first dollar sign (\$) denotes dollar amount while the second dollar sign denotes truncation.

If you have input an incorrect superSELECT statement, the computer will respond with:

```
TERM MISSING IN SUPER SELECT
```

To correct, just add double quotes to terms causing the problem.

In short, the superSELECT is a very convenient feature and can be easily used in most search statements, as long as they do not exceed the 60-character limit.

—Margaret Hu, LBL

## Hints for TYMNET Users

If you use TYMNET to access DOE/RECON and/or the Technical Information Center's computer, you will be returned to TYMNET at the end of your search. DOE/RECON will return you to TYMNET immediately and will ask for another host ("please log in"). At this point, if you do not wish to use another system, simply hang up to disconnect. If you are using TIC's own computer, however, it will wait approximately 60 seconds after you log off before returning you to TYMNET. Please be patient and do not touch the keyboard while waiting to be returned to TYMNET.

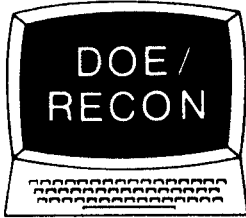
If the response is slow when you dial TYMNET—if the phone just rings and rings—try the TYMNET 800 number: 800-323-7389.

## Alternate Address for DOE/RECON Payments

DOE program offices and other federal agencies can now use the following address in making remittances for use of the DOE/RECON system:

Department of Energy  
P. O. Box P  
Oak Ridge, TN 37830

Union Carbide Corporation - Nuclear Division, which operates DOE/RECON for the Technical Information Center and serves as a financial agent for DOE, can now also accept payments made out to the Department of Energy at the above address. This change will make it easier for some DOE program offices and other federal agencies to transact financial business relating to the use of the DOE/RECON system.



DOE/RECON TRAINING WORKSHOPS

TO BE HELD AT

BROOKHAVEN NATIONAL LABORATORY  
Berkner Hall  
Upton, Long Island, New York 11973

- INTRODUCTORY MODULE ON USING TERMINALS July 18, 1983  
(Optional afternoon session, 2:00-4:00,  
for novice users)
- BASIC DOE/RECON TRAINING July 19-20, 1983  
(For newer users)
- DOE/RECON UPDATE TRAINING July 21-22, 1983  
(For experienced searchers)

The fee schedule for these sessions is as follows:

|                                     | <u>Existing Passwords</u> | <u>New Passwords<br/>(includes search aids)</u> |
|-------------------------------------|---------------------------|---|
| DOE Employees:                      | No fee                    | No fee  |
| DOE Contractor Employees:           | \$125                     | \$200   |
| Other Government Employees:         | \$150                     | \$225   |
| Others (e.g., State Energy Offices) | \$175                     | \$250   |

Payment for attendance may be made at the door, by means of a check payable to Regents of the University of California. Cash will not be accepted.

Please use the reservation form below or call the Training Coordinator at (415) 486-6307 or FTS 451-6307.

TO: TRAINING COORDINATOR  
Building 50, Room 130  
Lawrence Berkeley Laboratory  
Berkeley, CA 94720

I wish to attend the following DOE/RECON workshop at Brookhaven:

- Introductory Module July 18
- Basic DOE/RECON Training July 19-20
- DOE/RECON Update Training July 21-22

Name \_\_\_\_\_ Soc. Sec. No. - - -

Address \_\_\_\_\_

Phone No. Commercial \_\_\_\_\_ FTS \_\_\_\_\_

Attended previous DOE/RECON Basic Training  Advanced Training   
RECON ID \_\_\_\_\_ Experience with DOE/RECON \_\_\_\_\_ months/years; with other systems \_\_\_\_\_ months/years

## DETAILS ABOUT TRAINING SESSIONS

An optional module on using terminals for beginners will be held on Monday afternoon, July 18, from 2:00 to 4:00 p.m. The Basic DOE/RECON Training will be held July 19, 8:30 a.m. through July 20, 5:00 p.m. This session will include a description of the DOE/RECON system and its commands and the newly-available proximity search feature. The Energy Data Base (EDB), Nuclear Science Abstracts (NSA), the Federal Energy Data Index (FEDEX), Research in Progress (RIP) and other DOE files will also be featured. Time and terminals will be available for participants to solve assigned search questions.

The DOE/RECON Update Training session will be aimed at experienced DOE/RECON users who have attended the basic DOE/RECON Training. This session begins at 8:30 a.m. on July 21 and goes until 4:00 p.m. on July 22. It will feature a review of changes to the DOE/RECON system, in particular focusing on search save, superselect, and proximity searching. EDB search tools and searchable fields as they are found on the different search systems will be featured. Search strategy techniques will be stressed, by means of assigned problems, and practice time will be provided. The session will also include discussions of nuclear energy data bases, statistical and in-progress information on DOE/RECON.

## WHO SHOULD ATTEND

Questions sometimes arise as to which session one should attend: in general DOE/RECON users should plan to attend the Basic DOE/RECON Training once, and later to attend an Update Training session after gaining experience on DOE/RECON.

## TRAVEL ARRANGEMENTS

The nearest off-site accommodations are approximately 15 miles away from Brookhaven National Laboratory. These include the Holiday Inn and the Wading River Motel, both in Riverhead, New York. The telephone numbers are, respectively, (516) 369-2200 and (516) 727-8000. Corporate prices vary from month to month--check with the hotel. On-site housing accommodations at Brookhaven are available for \$30 per night. For additional information and reservations contact Audrey Blake at FTS 666-3490 or (516) 282-3490, Brookhaven National Laboratory, Upton, Long Island, New York.

## CEU CREDIT

CEU credit will be given for the DOE/RECON sessions. CEU records are kept by Social Security numbers.



## IPS File Dropped

The Issues and Policy Summaries (IPS) data base, file no. 5, has been dropped due to a year of inactive updating.

## DOE/RECON Statistics

DOE/RECON uptime for March was 95.8%. There were 5,926 user sessions, and 215,194 citations were output via the PRINT commands.

—Leon Yount,  
DOE/RECON Staff, ORNL

## DOE/RECON Calendar of Events

|         |  |            |   |
|---------|--|------------|---|
| July 4  | DOE/RECON Holiday: Independence Day  | July 19-20 | Basic DOE/RECON Training (for newer users)<br>Brookhaven National Laboratory, Upton, Long Island, NY                      |
| July 18 | Basic DOE/RECON Training: Introductory Module on Using Terminals (optional afternoon session for novice users)<br>Brookhaven National Laboratory, Upton, Long Island, NY | July 21-22 | DOE/RECON Update Training (for experienced DOE/RECON searchers)<br>Brookhaven National Laboratory, Upton, Long Island, NY |

The following fee schedule for 2-day DOE/RECON training sessions is in effect.

|                         | <u>Existing password</u> | <u>Start-up fee (includes one training slot plus search aids)</u> |
|-------------------------|--------------------------|---|
| DOE Employees           | Free                     | Free  |
| DOE Contractors         | \$125                    | \$200   |
| Other Federal Employees | \$150                    | \$225   |
| All Others              | \$175                    | \$250   |

Please send training reservations to DOE/RECON Training Coordinator, Lawrence Berkeley Laboratory, Bldg. 50, Room 130, Berkeley, CA 94720, telephone: (415) 486-6307 or FTS 451-6307. The fees are payable to the Regents of the University of California.

INFORMATION RESEARCH GROUP  
LAWRENCE BERKELEY LABORATORY  
BLDG. 50, ROOM 130  
UNIVERSITY OF CALIFORNIA  
BERKELEY, CA 94720

*FIRST CLASS*