

Fundamental, molecular level insights into cross-cutting chemical and physical processes, for example catalysis, chemical and membrane separations, and electrochemical energy storage and conversion, are expected to significantly impact carbon management. The search for increased efficiency in energy production and use requires fundamental knowledge in ceramics, metals, polymers, solid state chemistry, and condensed matter physics for materials that can withstand higher temperatures, have lower coefficients of friction, and are stronger and lighter. Disposal of carbon dioxide into geological formations requires a fundamental understanding of geometric, structural, and hydrologic properties of reservoirs and of multiphase, nonlinear transport of fluids in porous and fractured media during sequestration time-scales of greater than 100 years.

Additional information on the BES Research Program, including those elements which are not a part of this solicitation, is available at the following web site: <http://www.er.doe.gov/production/bes/bes.html>. For researchers who do not have access to the world wide web, please contact Dr. Nicholas B. Woodward, Geosciences Research Program, SC-15; U.S. Department of Energy; 19901 Germantown Road; Germantown, MD 20874-1290; phone (301) 903-5822; fax (301) 903-0271; nick.woodward@oer.doe.gov; for this information.

Investigators may also wish to obtain information about related funding opportunities in the Office of Science, Office of Biological and Environmental Research whose programs are described at web site address: http://www.er.doe.gov/production/ober/ober_top.html and in the Office of Fossil Energy whose programs are described at web site address: <http://www.fe.doe.gov>.

Program Funding

It is anticipated that up to \$4 million will be available for multiple grant awards to be made in FY 1999, contingent on the availability of appropriated funds. Multiple year funding of grant awards is expected, and is also contingent on the availability of appropriated funds, progress of the research, and continuing program need. Applications received by the Office of Science under its normal competitive application mechanisms may also be deemed appropriate for consideration under this announcement and may be funded under this program.

Applicants are strongly encouraged to collaborate with researchers in other institutions, such as universities, industry, non-profit organizations, federal laboratories and Federally Funded Research and Development Centers (FFRDCs), including the DOE National Laboratories. A parallel announcement with a similar potential total amount of funds will be issued to DOE Federally Funded Research and Development Centers. All projects will be evaluated using the same criteria, regardless of the submitting institution.

Applications will be subjected to scientific merit review (peer review) and will be evaluated against the following evaluation criteria listed in descending order of importance as codified at 10 CFR 605.10(d):

1. Scientific and/or Technical Merit of the Project,
2. Appropriateness of the Proposed Method or Approach,
3. Competency of Applicant's Personnel and Adequacy of Proposed Resources,
4. Reasonableness and Appropriateness of the Proposed Budget.

The evaluation will include program policy factors such as the relevance of the proposed research to the terms of the announcement and an agency's programmatic needs. Note, external peer reviewers are selected with regard to both their scientific expertise and the absence of conflict-of-interest issues. Non-federal reviewers may be used, and submission of an application constitutes agreement that this is acceptable to the investigator(s) and the submitting institution.

Information about the development, submission of applications, eligibility, limitations, evaluation, the selection process, and other policies and procedures may be found in 10 CFR Part 605, and in the Application Guide for the Office of Science Financial Assistance Program. Electronic access to the Guide and required forms is made available via the World Wide Web at: <http://www.er.doe.gov/production/grants/grants.html>. On the SC grant face page, form DOE F 4650.2, in block 15, also provide the PI's phone number, fax number and e-mail address. The research description must be 20 pages or less, exclusive of figure illustrations, and must contain an abstract or summary of the proposed research (to include the hypotheses being tested, the proposed experimental design, and the names of all investigators and their affiliations). Attachments include curriculum vitae, a listing of all current and pending federal support, and letters of intent when collaborations are part of the proposed research.

(The Catalog of Federal Domestic Assistance Number for this program is 81.049, and the solicitation control number is ERFAP 10 CFR Part 605.)

Issued in Washington, DC on January 7, 1999.

John Rodney Clark,

Associate Director of Science for Resource Management.

[FR Doc. 99-1340 Filed 1-20-99; 8:45 am]

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DEPARTMENT OF ENERGY

Environmental Management Site-Specific Advisory Board, Rocky Flats

AGENCY: Department of Energy.

ACTION: Notice of open meeting.

SUMMARY: This notice announces a meeting of the Environmental Management Site-Specific Advisory Board (EM SSAB), Rocky Flats. Federal Advisory Committee Act (Pub. L. No. 92-463, 86 Stat. 770) requires that public notice of these meetings be announced in the **Federal Register**.

DATES: Thursday, February 4, 1999, 6:00 p.m.-9:30 p.m.

ADDRESSES: College Hill Library (Front Range Community College), 3705 West 112th Avenue, Westminster, CO.

FOR FURTHER INFORMATION CONTACT: Ken Korkia, Board/Staff Coordinator, EM SSAB-Rocky Flats, 9035 North Wadsworth Parkway, Suite 2250, Westminster, CO 80021, phone: (303) 420-7855, fax: (303) 420-7579.

SUPPLEMENTARY INFORMATION:

Purpose of the Board: The purpose of the Board is to make recommendations to DOE and its regulators in the areas of environmental restoration, waste management, and related activities.

Tentative Agenda

1. Present and discuss building rubble disposition;
2. Review and approve the Actinide Migration Studies Technical Review Group's Request for Proposals for a technical advisor; and
3. Other Board business will be conducted as necessary.

Public Participation: The meeting is open to the public. If you would like to file a written statement with the Committee you may do so either before or after the meeting. If you would like to make oral statements regarding any of the items on the agenda, you should contact Ken Korkia at the address or telephone number listed above. You must make your request for an oral statement at least 5 days before the meeting. We will try to include the presentation in the agenda. The

Designated Federal Officer is empowered to conduct the meeting in a fashion that will facilitate the orderly conduct of business. If you wish to make a public comment, you will be provided up to 5 minutes to present your comments at the beginning of the meeting. This notice is being published less than 15 days before the date of the meeting due to programmatic issues that had to be resolved.

Minutes: The minutes of this meeting will be available for public review and copying at the Freedom of Information Public Reading Room, 1E-190, Forrestal Building, 1000 Independence Avenue, SW, Washington, DC 20585 between 9:00 a.m. and 4 p.m., Monday-Friday, except Federal holidays. Minutes will also be available at the Public Reading Room located at the Board's office at 9035 North Wadsworth Parkway, Suite 2250, Westminster, CO 80021; telephone (303) 420-7855. Hours of operation for the Public Reading Room are 9:00 a.m. and 4:00 p.m., Monday through Friday. Minutes will also be

made available by writing or calling Deb Thompson at the Board's office address or telephone number listed above.

Issued at Washington, DC on January 14, 1999.

Rachel M. Samuel,

Deputy Advisory Committee Management Officer.

[FR Doc. 99-1338 Filed 1-20-99; 8:45 am]

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DEPARTMENT OF ENERGY

Office of Fossil Energy

[FE Docket No. 98-93-NG, et al.]

Engage Energy Canada, L.P., et al.; Orders Granting, Amending, and Vacating Authorizations To Import and/ or Export Natural Gas, Including Liquefied Natural Gas

AGENCY: Office of Fossil Energy, DOE.

ACTION: Notice of orders.

SUMMARY: The Office of Fossil Energy (FE) of the Department of Energy gives

notice that it has issued Orders granting, amending, and vacating various natural gas, including liquefied natural gas, import and export authorizations. These Orders are summarized in the attached appendix.

These Orders may be found on the FE web site at <http://www.fe.doe.gov>, or on the electronic bulletin board at (202) 586-7853.

They are also available for inspection and copying in the Office of Natural Gas & Petroleum Import and Export Activities, Docket Room 3E-033, Forrestal Building, 1000 Independence Avenue, SW, Washington, DC 20585, (202) 586-9478. The Docket Room is open between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday, except Federal holidays.

Issued in Washington, DC, on January 14, 1999.

John W. Glynn,

Manager, Natural Gas Regulation, Office of Natural Gas & Petroleum Import and Export Activities, Office of Fossil Energy.

APPENDIX.—ORDERS GRANTING, AMENDING, AND VACATING IMPORT/EXPORT AUTHORIZATION

[DOE/FE Authority]

Order No.	Date issued	Importer/Exporter FE docket No.	Two-year maximum		Comments
			Import volume	Export volume	
1441	12/01/98	Engage Energy Canada, L.P., 98-93-NG ..	1,000 Bcf	1,000 Bcf	Import natural gas, including liquefied natural gas, from Canada and export natural gas over a two-year term beginning on January 1, 1999, and ending on December 31, 2000.
1442	12/03/98	Aquila Canada Corp., 98-94-NG .....	.....	200 Bcf	Export to Canada over a two-year term beginning on the date of first delivery.
1356-A	12/03/98	PG&E Energy Trading-Gas Corporation (Formerly PG&E Trading Corporation), 98-04-NG.	.....	.....	Name Change.
836-D	12/03/98	PG&E Energy Trading-Gas Corporation (Formerly PG&E Trading Corporation), 93-82-NG.	.....	.....	Name Change.
1443	12/08/98	Northeast Gas Markets LLC, 98-97-NG	400 Bcf		Import and export up to a combined total from and to Canada over a two-year term beginning on the date of first delivery.
1444	12/17/98	Union Pacific Fuels, Inc., 98-92-NG	200 Bcf		Import and export up to a combined total from and to Canada and Mexico over a two-year term beginning on January 1, 1999, and ending on December 31, 2000.
1446	12/17/98	KN Marketing, L.P., 98-96-NG	1 Tcf	1 Tcf	Import up to combined total from Canada and Mexico, and export up to a combined total to Canada and Mexico, beginning on the date of first import or export.
1438-A	12/17/98	Idaho Power Co., 98-91-NG	730 Bcf		Amended two-year Canadian import and export authority to increase combined volumes from 1 Bcf to 730 Bcf.
552-A	12/22/98	Boston Gas Company, 89-38-NG .....	.....	.....	Vacate long-term import authority.
1447	12/22/98	The Montana Power Company, 98-99-NG	10 Bcf .....	.....	Import from Canada over a two-year term beginning on February 7, 1999, and ending on February 6, 2001.
398-A	12/23/98	Empire Natural Gas Corporation, 90-12-NG.	.....	.....	Vacate import/export authority.