

DEPARTMENT OF ENERGY

Office of Fossil Energy

[Docket No. FE C&E 97-03—Certification Notice—156]

Dighton Power Associates Limited Partnership Notice of Filing of Coal Capability Powerplant and Industrial Fuel Use Act

AGENCY: Office of Fossil Energy, Department of Energy.

ACTION: Notice of Filing.

SUMMARY: On October 10, 1997, Dighton Power Associates Limited Partnership submitted a coal capability self-certification pursuant to section 201 of the Powerplant and Industrial Fuel Use Act of 1978, as amended.

ADDRESSES: Copies of self-certification filings are available for public inspection, upon request, in the Office of Coal & Power Im/Ex, Fossil Energy, Room 3F-056, FE-27, Forrestal Building, 1000 Independence Avenue, S.W., Washington, D.C. 20585.

FOR FURTHER INFORMATION CONTACT: Ellen Russell at (202) 586-9624.

SUPPLEMENTARY INFORMATION: Title II of the Powerplant and Industrial Fuel Use Act of 1978 (FUA), as amended (42 U.S.C. 8301 et seq.), provides that no new baseload electric powerplant may be constructed or operated without the capability to use coal or another alternate fuel as a primary energy source. In order to meet the requirement of coal capability, the owner or operator of such facilities proposing to use natural gas or petroleum as its primary energy source shall certify, pursuant to FUA section 201(d), to the Secretary of Energy prior to construction, or prior to operation as a base load powerplant, that such powerplant has the capability to use coal or another alternate fuel. Such certification establishes compliance with section 201(a) as of the date filed with the Department of Energy. The Secretary is required to publish a notice in the **Federal Register** that a certification has been filed. The following owner/operator of the proposed new baseload powerplant has filed a self-certification in accordance with section 201(d).

Owner: Dighton Power Associates Limited Partnership.

Operator: Dighton Power Associates Limited Partnership.

Location: Dighton, MA.

Plant Configuration: combined-cycle.

Capacity: 168 megawatts.

Fuel: Natural gas.

Purchasing Entities: Output will be sold to the regional electric power grid as a merchant plant.

In-Service Date: April 1999.

Issued in Washington, D.C., October 24, 1997.

Anthony J. Como,

Director, Electric Power Regulation, Office of Coal & Power Im/Ex, Office of Coal & Power systems, Office of Fossil Energy.

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DEPARTMENT OF ENERGY

Office of Energy Research

Continuation of Solicitation for the Office of Energy Research Financial Assistance Program Notice 98-01

AGENCY: U.S. Department of Energy.

ACTION: Annual notice of continuation of availability of grants and cooperative agreements.

SUMMARY: The Office of Energy Research (ER) of the Department of Energy hereby announces its continuing interest in receiving applications for grants and cooperative agreements supporting work in the following programs: Basic Energy Sciences, High Energy Physics, Nuclear Physics, Computational and Technology Research, Fusion Energy Sciences, Biological and Environmental Research and Energy Research Analyses. On September 3, 1992, (57 FR 40582), DOE published in the **Federal Register** the Office of Energy Research Financial Assistance Program, 10 CFR Part 605, Final Rule, which contained a solicitation for this program. Information about submission of applications, eligibility, limitations, evaluation and selection processes and other policies and procedures are specified in 10 CFR Part 605.

DATES: Applications may be submitted at any time in response to this Notice of Availability. This Notice is published annually and remains in effect until it is superseded by another issuance by the Office of Energy Research.

ADDRESSES: Applications must be sent to: Director, Grants and Contracts Division, Office of Energy Research, ER-64, U.S. Department of Energy, 19901 Germantown Road, Germantown, MD 20874-1290. When preparing applications, applicants should use the Office of Energy Research Financial Assistance Program Application Guide and Forms located on the World Wide Web at: <http://www.er.doe.gov/production/grants/grants.html>.

Applicants without Internet access may call 301-903-5544 for information.

SUPPLEMENTARY INFORMATION: It is anticipated that approximately \$400 million will be available for grant and

cooperative agreement awards in FY 1998. The DOE is under no obligation to pay for any costs associated with the preparation or submission of an application. DOE reserves the right to fund, in whole or in part, any, all, or none of the applications submitted in response to this Notice.

In addition, the following program descriptions are offered to provide more in-depth information on scientific and technical areas of interest to the Office of Energy Research.

1. Basic Energy Sciences

The Basic Energy Sciences (BES) program supports fundamental research in the natural sciences and engineering leading to new and improved energy technologies and to understanding and mitigating the environmental impacts of energy technologies. The science divisions and their objectives are as follows.

(a) Materials Sciences

The objective of this program is to increase the understanding of phenomena and properties important to materials behavior that will contribute to meeting the needs of present and future energy technologies. It is comprised of the subfields metallurgy, ceramics, solid state physics, materials chemistry, and related disciplines where the emphasis is on the science of materials. *Program Contact:* (301) 903-3427.

(b) Chemical Sciences

The objective of this program is to expand, through support of basic research, knowledge of various areas of chemistry, chemical engineering and atomic molecular and optical physics with a goal of contributing to new or improved processes for developing and using domestic energy resources in an efficient and environmentally sound manner. Disciplinary areas where research is supported include atomic molecular and optical physics; physical, inorganic and organic chemistry; chemical physics; photochemistry; radiation chemistry; analytical chemistry; separations science; actinide chemistry; and chemical engineering sciences.

Program Contact: (301) 903-5804.

(c) Engineering Research

This program's objectives are: (1) to extend the body of knowledge underlying current engineering practice in order to open new ways for enhancing energy savings and production, prolonging useful equipment life, and reducing costs