advance the Fusion Energy Sciences program toward its goals. Basic and applied research is carried out in the following areas: (1) basic plasma science research directed at furthering the understanding of fundamental processes in plasmas; (2) improving the theoretical understanding of fusion plasmas necessary for interpreting results from present experiments and the planning and design of future confinement devices, (3) obtaining the critical data on plasma properties, atomic physics and new diagnostic techniques for support of confinement experiments, (4) supporting exploratory research into concepts that are alternatives to the tokamak, and (5) carrying out research on issues that support the development of Inertial Fusion Energy, for which target development is carried out by the Department of Energy's Defense Programs.

Research into basic physics issues associated with medium to large scale confinement devices is essential to studying conditions relevant to the production of fusion energy. Experiments on these scale of devices are used to explore the limits of specific confinement concepts, as well as study associated physical phenomena. Specific areas of interest include: (1) the production of increased plasma densities and temperatures, (2) the understanding of the physical laws governing plasma energy of high plasma pressure, (4) the investigation of plasma interaction with radio frequency waves, and (5) the study and control of particle transport and exhaust in plasmas.

Program Contact: (301) 903–4095.

(b) Technology Division

This Division seeks to develop the technology knowledge base needed to advance the Fusion Energy Sciences program toward its goals. The Division's science-oriented goal is to provide the technologies that are required to successfully design, build, and operate near-term experiments aimed at producing, understanding, and optimizing the fusion energy process. The Division's energy-oriented goal is to develop the technologies that will be needed in the long-term for an economically and environmentally attractive fusion energy source. These goals are pursued through multi-institutional domestic programs and international collaboration partnerships that are centered around U.S. participation in the Engineering Design Activities for a long-pulse burning plasma experiment—the International Thermonuclear Experimental Reactor (ITER).

Program Contact: (301) 903–5378.

5. Biological and Environmental Research Program

The goals of the Biological and Environmental Research Program are as follows: (1) to provide, through basic and applied research, the scientific information required to identify, understand and anticipate the long-term health and environmental consequences of energy use and development; and (2) to utilize the Department's unique resources to solve major scientific problems in medicine, biology and the environment. Goals of the program are accomplished through the efforts of the following research program elements:

(a) Health Effects and Life Sciences Research

This is a broad program of basic and applied biological research. The objectives are: (1) to create and apply new technologies and resources in mapping, sequencing, and information management for characterizing the molecular nature of the human genome; (2) to develop and support DOE national user facilities for use in fundamental structural biology; (3) to use model organisms to understand human genome organization, human gene function and control, and the functional relationships between human genes and proteins; (4) to characterize and exploit the genomes and diversity of microbes with potential relevance for energy, bioremediation, or global climate; (5) to understand and characterize the risks to human health from exposures to low levels of radiation and chemicals; (6) to develop novel technologies for high throughput determination of protein structure; and (7) to anticipate and address ethical, legal, and social implications arising from genome research.

Program Contact: (301) 903–5468.

(b) Medical Applications and Measurement Science

The objectives of this program comprise the following areas: (1) to develop technologies for the beneficial applications of radiation and in vivo radiotracer detection in the study, diagnosis and treatment of human diseases and disorders; (2) to develop new instrumentation for biological and medical research; and (3) to develop new concepts and techniques for detecting and measuring the hazardous agents of biochemical, physical and environmental consequences related to energy production.

Program Contact: (301) 903–3213.

(c) Environmental Remediation

The objectives of the program relate to environmental processes affected by energy production and use. The program develops information on the physical, chemical and biological processes that cycle and transport energy-related material, particularly contaminates that arose during nuclear weapons production, through the Earth's surface and subsurface. Emphasis is put on the development of a strong basis for understanding and implementing the appropriate and efficient use of bioremediation, particularly at the Department's sites.

Program Contact: (301) 903–3281.

(d) Environmental Processes

This program addresses global environmental change from increases in atmospheric carbon dioxide and other greenhouse gases. The scope of the global change program encompasses the carbon cycle, climate modeling and diagnostics, atmospheric sciences and meteorology, ecosystem responses, and impacts on resources. The role of clouds and radiation in climate prediction is a particular emphasis.

Program Contact: (301) 903–3281.

6. Energy Research Analyses

This program supports energy research analyses of the Department's basic and applied research activities. Specific objectives include assessments to identify any duplication or gaps in scientific research activities, and impartial and independent evaluations of scientific and technical research efforts.

Program Contact: (202) 586–7021

Issued in Washington, D.C., on October 15, 1997.

John Rodney Clark,

Associate Director for Resource Management, Office of Energy Research.

[FR Doc. 97–28912 Filed 10–30–97; 8:45 am]

BILLING CODE 6450–01–P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. OR98–1–000]

ARCO Products Company, a Division of Atlantic Richfield Company, Texaco Refining and Marketing Inc. and Mobil Oil Corporation, Complainants v. SFPP, L.P., Respondent; Notice of Complaint

October 27, 1997.

Take notice that on October 22, 1997, pursuant to Rule 206 of the Rules of Practice and Procedure of the Commission, 18 CFR 385.206, Sections 9, 13, and 15 of the Interstate Commerce Act, (ICA) 49 U.S.C. app. §§ 9, 13, and 15 (1994), and Section 1803 of the

Energy Policy Act of 1992, ARCO Products Company, a Division of Atlantic Richfield Company, (ARCO), Texaco Refining and Marketing Inc. (Texaco), and Mobil Oil Corporation (Mobil) (jointly referred to as Complainants) have filed a Complaint against SFPP, L.P. (SFPP).

Complainants challenge all of the jurisdictional interstate rates and charges of SFPP, whether ''gathering,'' ''trunkline,'' or some other classification, including those contained in SFPP FERC Tariff Nos. 17, 25, 26, and 27 (and any predecessors or successors to these tariffs), in addition to presently untariffed charges exacted by SFPP that are properly subject to the Commission's jurisdiction under the ICA.

Complainants assert that SFPP violated and continues to violate Sections 1(5), 2, 3(1), 4, 6, and 8 of the ICA by:

(a) Establishing and charging unjust and unreasonable rates for its jurisdictional services;

(b) Charging unduly discriminatory or preferential rates and charges for its jurisdictional services; and

(c) Assessing untariffed rates and charges for jurisdictional interstate services. 49 U.S.C. app. §§ 1(5), 2, 3(1), 4, 6, and 8 (1994).

Complainants request that SFPP be ordered to reduce its rates and pay refunds, reparations, damages, and attorneys' fees in accordance with the ICA, including Sections 8, 9, 15, and 16 of the ICA, and such other relief as may be appropriate in this proceeding.

Any person desiring to be heard or to protest said complaint should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426, in accordance with Rules 214 and 211 of the Commission's Rules of Practice and Procedure 18 CFR 385.214, 385.211. All such motions or protests should be filed on or before November 21, 1997. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection. Answers to this complaint shall be due on or before November 21, 1997.

Lois D. Cashell,

Secretary.

[FR Doc. 97–28843 Filed 10–30–97; 8:45 am]

BILLING CODE 6717–01–M

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. ER97–886–000]

Brooklyn Navy Yard Cogeneration Partners, L.P.; Notice of Issuance of Order

October 28, 1997.

Brooklyn Navy Yard Cogeneration Partners, L.P. (Brooklyn) filed an application for authorization to sell power at market-based rates, and for certain waivers and authorizations. In particular, Brooklyn requested that the Commission grant blanket approval under 18 CFR Part 34 of all future issuances of securities and assumptions of liabilities by Brooklyn. On October 15, 1997, the Commission issued an Order Conditionally Accepting for Filing Proposed Market-Based Rates (Order), in the above-docketed proceeding.

The Commission's October 15, 1997 Order granted the request for blanket approval under Part 34, subject to the conditions found in Ordering Paragraphs (D), (E), and (G):

(D) Within 30 days of the date of this order, any person desiring to be heard or to protest the Commission's blanket approval of issuances of securities or assumptions of liabilities by Brooklyn should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure, 18 CFR 385.211 and 385.214.

(E) Absent a request to be heard within the period set forth in Ordering Paragraph (D) above, Brooklyn is hereby authorized, pursuant to section 204 of the FPA, to issue securities and assume obligations or liabilities as guarantor, indorser, surety or otherwise in respect of any security of another person; provided that such issue or assumption is for some lawful object within the corporate purposes of Brooklyn, compatible with the public interest, and reasonably necessary or appropriate for such purposes.

(G) The Commission reserves the right to modify this other to require a further showing that neither public nor private interests will be adversely affected by continued Commission approval of Brooklyn's issuances of securities or assumptions of liabilities * * *.

Notice is hereby given that the deadline for filing motions to intervene or protests, as set forth above, is November 14, 1997.

Copies of the full text of the Order are available from the Commission's Public Reference Branch, 888 First Street, N.E., Washington, D.C. 20426.

Lois D. Cashell,

Secretary.

[FR Doc. 97–28897 Filed 10–30–97; 8:45 am]

BILLING CODE 6717–01–M

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. CP98–38–000]

Colorado Interstate Gas Company; Notice of Request Under Blanket Authorization

October 27, 1997.

Take notice that on October 20, 1997, Colorado Interstate Gas Company (CIG), Post Office Box 1087, Colorado Springs, Colorado 80944, filed in Docket No. CP98–38–000 a request pursuant to Sections 157.205, and 157.212, of the Commission's Regulations under the Natural Gas Act (18 CFR 157.205, 157.212) for authorization to operate in interstate commerce the Big Thompson Delivery Point, previously constructed and operated to effectuate transportation services performed pursuant to Section 311 of the Natural Gas Policy Act (NGPA), under CIG's blanket certificate issued in Docket No. CP83–21–000 pursuant to Section 7 of the Natural Gas Act, all as more fully set forth in the request that is on file with the Commission and open to public inspection.

CIG seeks authority to operate the Big Thompson Delivery Point located in Weld County, Colorado. CIG states that it believes that it would experience no significant impact on its peak day or annual requirements resulting from the operation of the subject facilities in interstate commerce, and that operation other than strictly for Section 311 purposes can be performed without detriment or disadvantage to CIG's other existing customers.

Any person or the Commission's staff may, within 45 days after issuance of the instant notice by the Commission, file pursuant to Rule 214 of the Commission's Procedural Rules (18 CFR 385.214) a motion to intervene or notice of intervention and pursuant to Section 157.205 of the Regulations under the Natural Gas Act (18 CFR 157.205) a protest to the request. If no protest is filed within the time allowed therefor, the proposed activity shall be deemed to be authorized effective the day after the time allowed for filing a protest. If a protest is filed and not withdrawn