

systems. The lack of suitable on-line measurement technology represents the primary motivation for seeking out new developments in sensor technology. The specific objective of this solicitation is to seek out new fundamental approaches to sensor concepts, materials, design, and fabrication that have potential application in the harsh environment of the advanced fossil fuel-based energy production systems. The types of projects sought through this solicitation include laboratory and bench-scale testing as well as fundamental research that addresses the barriers associated with ultra-high temperature operation.

The research objectives are to:

- (1) Develop an understanding of the sensor mechanisms acquired by nano-scale design,
- (2) Develop technology for fusion of high temperature materials and advanced sensors,
- (3) Develop long term high temperature data for life prediction and reliability,
- (4) Devise life assessment models and experimental verification,
- (5) Obtain a quantitative description of the evolutionary processes that lead to failure and predict response of sensor materials in complex environments,
- (6) Miniaturize sensors, and
- (7) Explore self-contained sensor intelligence based on smart materials.¹

While the solicitation seeks out fundamental developments, the ultimate goal of the sensor program is to develop devices that can be used for the measurement of temperature, pressure, and detection of various gases (O₂, H₂, N₂, H₂S, CH₄, etc.) under conditions of high temperature (1000°C) and elevated pressures (up to 500 psi). Low cost, in situ or embedded sensors that survive approximately one year of service in the presence of corrosive and erosive conditions are ideal. The incorporation of self-diagnostics/smart sensor functions is desired to verify performance and accuracy.

It is anticipated that this program solicitation will result in three (3) to six (6) awards. The period of performance for each award will range from one to three years with budget periods to be established independently based on the

¹ Smart materials may be defined as the materials that respond to environmental changes at optimal conditions and manifest their functions according to the changes. The generic term "smart materials" includes the materials and probes that can provide information on a coating or process material while in service. The information can be used via a suitable process control mechanism to assess remaining life as well as to regulate the operating conditions. Examples of smart materials are shape memory alloys, optical fiber hybrid composites, and piezoelectric hybrid composites.

logical technical phases of each individual project. Cost sharing is encouraged, but not required under the subject program solicitation.

Once released, the solicitation will be available for downloading from the IIPS Internet page. At this Internet site you will also be able to register with IIPS, enabling you to submit an application. If you need technical assistance in registering or for any other IIPS function, call the IIPS Help Desk at (800) 683-0751 or E-mail the Help Desk personnel at IIPS_HelpDesk@e-center.doe.gov. The solicitation will only be made available in IIPS, no hard (paper) copies of the solicitation and related documents will be made available. Telephone requests, written requests, E-mail requests, or facsimile requests for a copy of the solicitation package will not be accepted and/or honored. Applications must be prepared and submitted in accordance with the instructions and forms contained in the solicitation. The actual solicitation document will allow for requests for explanation and/or interpretation. However, all questions relating to the solicitation must be submitted electronically through IIPS. All responses to questions, as well as all amendments to the solicitation, will be released on the IIPS homepage.

Issued in Pittsburgh, Pennsylvania, on January 9, 2003.

Dale A. Siciliano,

Acting Director, Acquisition and Assistance Division.

[FR Doc. 03-1096 Filed 1-16-03; 8:45 am]

BILLING CODE 6450-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. RP03-232-000]

Eastern Shore Natural Gas Company; Notice of Tariff Filing

January 13, 2003.

Take notice that on January 9, 2003, Eastern Shore Natural Gas Company (ESNG) tendered for filing as part of its FERC Gas Tariff, Second Revised Volume No. 1, the following tariff sheets, with a proposed effective date of February 1, 2003:

Forty-Second Revised Sheet No. 7
Forty-Second Revised Sheet No. 8

ESNG states that the purpose of this instant filing is to track rate changes attributable to a storage service purchased from Columbia Gas Transmission Corporation (Columbia) under its Rate Schedule FSS. The costs

of the above referenced storage service comprises the rates and charges payable under ESNG's Rate Schedule CFSS. This tracking filing is being made pursuant to section 3 of ESNG's Rate Schedule CFSS.

ESNG states that copies of the filing have been served upon its jurisdictional customers and interested State Commissions.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 888 First Street, NE., Washington, DC 20426, in accordance with sections 385.214 or 385.211 of the Commission's rules and regulations. All such motions or protests must be filed in accordance with section 154.210 of the Commission's regulations. 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 proceedings. Any person wishing to become a party must file a motion to intervene. This filing is available for review at the Commission in the Public Reference Room or may be viewed on the Commission's Web site at <http://www.ferc.gov> using the "FERRIS" link. Enter the docket number excluding the last three digits in the docket number field to access the document. For assistance, please contact FERC Online Support at FERCOnlineSupport@ferc.gov or toll-free at (866) 208-3676, or TTY, contact (202) 502-8659. Comments, protests and interventions may be filed electronically via the Internet in lieu of paper. The Commission strongly encourages electronic filings. See 18 CFR 385.2001(a)(1)(iii) and the instructions on the Commission's Web site under the "e-Filing" link.

Comment Date: January 22, 2003.

Magalie R. Salas,

Secretary.

[FR Doc. 03-1173 Filed 1-16-03; 8:45 am]

BILLING CODE 6717-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Project No. P-6564]

Jane A. Horning; Notice of Site Visit

January 13, 2003.

Jane A. Horning, exemptee, for the Brunswick Creek Hydroelectric Project (project), in Washington County, North Plains, Oregon, requests to surrender her exemption. On January 30, 2003, the

staff of the Office of Energy Projects (OEP) will conduct a site visit of the project. Representatives of the project will accompany the OEP staff. All interested parties may meet at 9 a.m. at the project powerhouse located near the Brunswick Creek dam. Attendees must provide their own transportation.

For further information, please contact Blake Condo at (202) 502-8914 or the Commission's Office of External Affairs at (866) 208-FERC.

Magalie R. Salas,

Secretary.

[FR Doc. 03-1171 Filed 1-16-03; 8:45 am]

BILLING CODE 6717-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. ER03-210-001]

New England Power Pool; Notice of Filing

January 13, 2003.

Take notice that on January 10, 2002, the New England Power Pool (NEPOOL) Participants Committee amended its November 22, 2002, filing in Docket No. ER03-210-000 by filing for acceptance Original Tariff Sheet No. 288A to the NEPOOL Tariff, which was inadvertently omitted from the revised tariff sheets included with the November 22 filing.

The Participants Committee states that copies of these materials were sent to the New England state governors and regulatory commissions and the Participants in NEPOOL.

Any person desiring to intervene or to protest this filing should file with the Federal Energy Regulatory Commission, 888 First Street, NE., Washington, DC 20426, in accordance with rules 211 and 214 of the Commission's rules of practice and procedure (18 CFR 385.211 and 385.214). 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. All such motions or protests should be filed on or before the comment date, and, to the extent applicable, must be served on the applicant and on any other person designated on the official service list. This filing is available for review at the Commission or may be viewed on the Commission's Web site at <http://www.ferc.gov>, using the "FERRIS" link. Enter the docket number excluding the last three digits in the docket number

field to access the document. For assistance, please contact FERC Online Support at

FERCOnlineSupport@ferc.gov or toll-free at (866)208-3676, or for TTY, contact (202)502-8659. Protests and interventions may be filed electronically via the Internet in lieu of paper; see 18 CFR 385.2001(a)(1)(iii) and the instructions on the Commission's Web site under the "e-Filing" link. The Commission strongly encourages electronic filings.

Comment Date: January 21, 2003.

Magalie R. Salas,

Secretary.

[FR Doc. 03-1169 Filed 1-16-03; 8:45 am]

BILLING CODE 6717-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Project No. P-10359]

Snoqualmie River Hydro Inc.; Notice of Site Visit

January 13, 2003.

Snoqualmie River Hydro Inc., licensee, for the Youngs Creek Hydroelectric Project (Project), Snonomish County, Washington State, requests to surrender its license. On January 27, 2003, the staff of the Office of Energy Projects (OEP) will conduct a site visit of the Project. Representatives of the licensee will accompany the OEP staff. All interested parties may meet at 2 p.m. at the dam site. Attendees must provide their own transportation.

For further information, please contact Blake Condo at (202) 502-8914 or the Commission's Office of External Affairs at (866) 208-FERC.

Magalie R. Salas,

Secretary.

[FR Doc. 03-1170 Filed 1-16-03; 8:45 am]

BILLING CODE 6717-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. RP03-162-000]

Trailblazer Pipeline Company; Notice of Technical Conference

January 13, 2003.

In the Commission's order issued on December 31, 2002,¹ the Commission directed that a technical conference be

¹ Trailblazer Pipeline Company, 101 FERC ¶ 61,405 (2002).

held to address certain issues, as set forth in the Commission's order.

Take notice that the technical conference will be held on Thursday, February 6, 2003, at 10:30 a.m., in a room to be designated at the offices of the Federal Energy Regulatory Commission, 888 First Street, NE., Washington, DC 20426.

All interested parties and Staff are permitted to attend.

Magalie R. Salas,

Secretary.

[FR Doc. 03-1172 Filed 1-16-03; 8:45 am]

BILLING CODE 6717-01-P

ENVIRONMENTAL PROTECTION AGENCY

[IN 150-1; FRL-7440-3]

Notice of Final Determination for Nucor Steel in Crawfordsville, IN

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice of final action.

SUMMARY: This notice announces that on October 11, 2002, the Environmental Appeals Board (EAB) of the EPA dismissed a petition for review of a permit issued for Nucor Steel (Nucor) by the Indiana Department of Environmental Management (IDEM) pursuant to the regulations under the Federal prevention of significant deterioration (PSD) program. The EAB dismissed the petition for failure to file a petition within 30 days of permit issuance.

DATES: The effective date for the EAB's decision is October 11, 2002. Judicial review of this permit decision, to the extent it is available pursuant to section 307(b)(1) of the Clean Air Act, 42 U.S.C. 7607(b)(1), may be sought by filing a petition for review in the United States Court of Appeals for the Seventh Circuit within 60 days of January 17, 2003.

ADDRESSES: The documents relevant to the above action are available for public inspection during normal business hours at the following address: EPA, Region 5, 77 West Jackson Boulevard (AR-18J), Chicago, Illinois 60604. To arrange viewing of these documents, call Sam Portanova at (312) 886-3189.

FOR FURTHER INFORMATION CONTACT: Sam Portanova, EPA, Region 5, 77 W. Jackson Boulevard (AR-18J), Chicago, Illinois 60604. Anyone who wishes to review the EAB decision can obtain it at <http://www.epa.gov/eab/orders/nucor.pdf>.