

companies. Since many of these companies are represented on AU and IPST advisory committees, a sound basis for technology transfer is in place.

The proposal has been found to be meritorious, and it is recommended that the unsolicited application be accepted for support. The proposed project is not eligible for financial assistance under a recent, current, or planned solicitation.

The project cost over 5 years is estimated to be \$4,288,090 total, with the DOE share being \$2,829,101.

Issued in Golden, Colorado, on August 4, 1995.

John W. Meeker,

Chief, Procurement, GO.

[FR Doc. 95-20288 Filed 8-15-95; 8:45 am]

BILLING CODE 6450-01-P

Golden Field Office; Federal Assistance Award to Florida Solar Energy Center

AGENCY: Department of Energy.

ACTION: Notice of Financial Assistance Award in Response to an Unsolicited Financial Assistance Application.

SUMMARY: The U.S. Department of Energy (DOE), pursuant to the DOE Financial Assistance Rules, 10 CFR 600.7, is announcing its intention to award a grant to Florida Solar Energy Center (FSEC) to conduct research and development activities on hydrogen production methods. The proposed technology could change the basic concept and engineering design of hydrogen production systems and, as a result, reduce the cost of hydrogen.

ADDRESSES: Questions regarding this announcement may be addressed to the U.S. Department of Energy, Golden Field Office, 1617 Cole Blvd., Golden, Colorado 80401, Attention: John Motz, Contract Specialist. The telephone number is 303-275-4737.

SUPPLEMENTARY INFORMATION: DOE has evaluated, in accordance with § 600.14 of the Federal Assistance Regulations, the unsolicited proposal entitled "Sustainable Hydrogen Production" and recommends that the unsolicited proposal be accepted for support without further competition in accordance with § 600.14 of the Federal Assistance Regulations. This award will not be made for at least 14 days to allow for public comment.

Under this grant, FSEC will conduct five separate research projects which will examine sustainable hydrogen production methods. The proposed tasks include research on the following: (1) Electrolysis using a dual bed photosystem which evolves hydrogen

and oxygen separately, (2) development of solid electrolytes for water electrolysis at higher temperatures, (3) photovoltaic electrolysis using an inexpensive solar collector such as a parabolic trough, (4) thermocatalytic decomposition of natural gas, and (5) technical analysis and research support for a separate financial assistance recipient in the DOE hydrogen program.

The proposal has been found to be meritorious in the DOE evaluation. The FSEC program represents a unique approach to develop and demonstrate technologies which could result in reduced costs for hydrogen production. The team proposed by FSEC has the technical capabilities and commitment which should provide a basis for a successful project. The proposed project is not eligible for financial assistance under a recent, current, or planned solicitation.

The project cost over three years is estimated to be \$1,409,000 total, with the DOE contributing all costs.

Issued in Golden, Colorado, on August 4, 1995.

John W. Meeker,

Chief, Procurement, GO.

[FR Doc. 95-20290 Filed 8-15-95; 8:45 am]

BILLING CODE 6450-01-P

Golden Field Office; Notice of Federal Assistance Award to General Electric Company

AGENCY: Department of Energy.

ACTION: Notice of Financial Assistance Award in Response to an Unsolicited Financial Assistance Application.

SUMMARY: The U.S. Department of Energy (DOE), pursuant to the DOE Financial Assistance Rules, 10 CFR 600.7, is announcing its intention to award a cooperative agreement to General Electric Company (GE) to conduct research and development activities on the use of renewable feedstocks for monomers to be used in the plastics industry. The use of agricultural products instead of petroleum products for such monomers will save energy, reduce hazardous waste, and provide key materials for a new generation of thermoplastics.

ADDRESSES: Questions regarding this announcement may be addressed to the U.S. Department of Energy, Golden Field Office, 1617 Cole Blvd., Golden, Colorado 80401, Attention: John Lewis, Contract Specialist. The telephone number is 303-275-4739.

SUPPLEMENTARY INFORMATION: DOE has evaluated, in accordance with Section 600.14 of the Federal Assistance

Regulations, the unsolicited proposal entitled "Biosynthesis of Long-Chain Dicarboxylic Acid Monomers from Renewable Feedstocks" and recommends that the unsolicited proposal be accepted for support without further competition in accordance with Section 600.14 of the Federal Assistance Regulations. This award will not be made for at least 14 days to allow for public comment.

Under this cooperative agreement, GE and its subcontractors will conduct research and development activities regarding a bioprocess to convert fatty acid substrates into low-cost, long-chain dicarboxylic acid monomers for the plastics industry. The research will address biocatalyst development, bioprocess development, and application development.

The proposal has been found to be meritorious in the DOE evaluation. The GE program represents a unique and proprietary process for monomer production. The team proposed by GE has the technical capabilities, proprietary technology, and commercialization commitment which should provide the basis for a successful project. The proposed project is not eligible for financial assistance under a recent, current, or planned solicitation.

The project cost over eighteen months is estimated to be \$2,137,129 total, with the DOE share being \$1,602,315.

Issued in Golden, Colorado, on August 8, 1995.

John W. Meeker,

Chief, Procurement, GO.

[FR Doc. 95-20286 Filed 8-15-95; 8:45 am]

BILLING CODE 6450-01-P

Golden Field Office; Federal Assistance Award to Institute of Paper Science and Technology

AGENCY: Department of Energy.

ACTION: Notice of Financial Assistance Award in response to an Unsolicited Financial Assistance Application.

SUMMARY: The U.S. Department of Energy (DOE), pursuant to the DOE Financial Assistance Rules, 10 CFR 600.14, is announcing its intention to enter into a cooperative agreement with the Institute of Paper Science and Technology (IPST) to develop efficient methods for corrosivity monitoring in Kraft mill boilers.

ADDRESSES: Questions regarding this announcement may be addressed to the U.S. Department of Energy, Golden Field Office, 1617 Cole Blvd., Golden, Colorado 80401, Attention: John Motz, Contract Specialist. The telephone number is 303-275-4737.

SUPPLEMENTARY INFORMATION: This award is a result of a DOE published Notice of Program Interest for the Pulp and Paper Industry. The DOE has evaluated the unsolicited application according to § 600.14 of the DOE Assistance Regulations, 10 CFR part 600, and the criteria for selection in § 600.14(e)(1). Based on this evaluation, it is recommended that the unsolicited application for Federal Assistance entitled, "Corrosivity Monitoring of Kraft Mill Boilers," submitted by IPST, be accepted for support. This award will not be made for at least 14 days, to allow for public comment.

Under this cooperative agreement, IPST, with assistance from various subcontractors, will develop an extensive corrosion kinetics database and a device to measure conditions that control corrosion in an operating recovery boiler. The benefit of such an approach will allow operators to predict or explain the impact of decisions prior to damaging boiler components. The project will be divided into four one-year phases. Phase I will establish the feasibility of the project concept. Phase II will involve detailed studies on the most promising candidates for corrosion measurements. Phase III will consist of small scale experiments conducted in a laboratory furnace to test the efficacy of the measurement system developed in Phase II. In the final phase, Phase IV, the measurement device and corrosion probes will be installed in an operating boiler for comparison.

IPST has demonstrated capabilities in the technologies directly related to the proposed project and personnel that should provide a basis for a successful project. IPST and the supporting subcontractors have strong ties with pulp and paper manufacturing operations, equipment manufacturing, and control companies which should present a sound basis for technology transfer.

The proposal has been found to be meritorious, and it is recommended that the unsolicited application be accepted for support. The proposed project is not eligible for financial assistance under a recent, current, or planned solicitation.

The project cost over 4 years is estimated to be \$1,753,362 total, with the DOE share being \$1,153,732.

Issued in Golden, Colorado, on August 8, 1995.

John W. Meeker,

Chief, Procurement, GO.

[FR Doc. 95-20287 Filed 8-15-95; 8:45 am]

BILLING CODE 6450-01-P

[FE Docket PP-106 and EA-106]

Application for Presidential Permit and Electricity Export Authorization by Arizona Public Service Co.

AGENCY: Office of Fossil Energy, Department of Energy.

ACTION: Notice of applications.

SUMMARY: Arizona Public Service Company (APS) has applied for a Presidential Permit to construct a new electric transmission facility at the U.S. border with Mexico. In addition APS has applied for authorization to export electric energy to Mexico over those facilities.

DATES: Comments, protests or requests to intervene must be submitted on or before September 15, 1995.

ADDRESSES: Comments, protests or requests to intervene should be addressed as follows: Office of Coal & Electricity (FE-52), Office of Fuels Programs, Office of Fossil Energy, Department of Energy, 1000 Independence Avenue, SW., Washington, DC 20585.

FOR FURTHER INFORMATION CONTACT: Loren Farrar (Program Office) 301-903-2338 or Michael Skinker (Program Attorney) 202-586-6667.

SUPPLEMENTARY INFORMATION: The construction, connection, operation, and maintenance of facilities at the international border of the United States for the transmission of electrical energy is prohibited in the absence of a Presidential permit pursuant to Executive Order No. 12038. Exports of electricity from the United States are also regulated and require authorization under section 202(e) of the Federal Power Act.

On June 22, 1995, APS filed an application with the Office of Fossil Energy (FE) of the Department of Energy (DOE) for a Presidential permit to construct a new 34.5-kilovolt (kV) transmission line across the U.S.-Mexican border near St. Luis, Mexico. The proposed line would tap an existing 34.5-kV line owned and operated by the U.S. Bureau of Reclamation and extend approximately 1000 feet to the U.S. border with Mexico. This application has been docketed as PP-106.

On July 2, 1995, APS filed a companion application for authority to export electric energy over the international transmission facilities proposed in the PP-106 application. APS proposes to export up to 30 megawatts of electrical capacity and associated energy to the Comision Federal de Electricidad, the Mexican national electric utility, under the terms of a proposed Reciprocal Emergency

Assistance Agreement and an Economy Energy Agreement. However, to date these agreements have not been signed. This application has been docketed as EA-106.

Procedural Matters:

Any person desiring to be heard or to protest these applications should file a petition(s) to intervene or protest at the address provided above in accordance with §§ 385.211 or 385.214 of the rules of practice and procedure (18 CFR 385.211, 385.214).

Any such petitions and protests should be filed with the DOE on or before the date listed above. Additional copies of such petitions to intervene or protests also should be filed directly with: Dennis Beals, Manager, Bulk Power Trading and Customer Services, Arizona Public Service Company, P.O. Box 53999, Station 9860, Phoenix, AZ 85072-3999, Phone: (602) 250-3101; and Bruce A. Gardner, Esq., Senior Attorney, Arizona Public Service Company, P.O. Box 53999, Station 9820, Phoenix, AZ 85072-3999, Phone: (602) 250-3507

Pursuant to 18 CFR 385.211, protests and comments will be considered by the DOE in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding(s). Any person wishing to become a party must file a petition to intervene under 18 CFR 385.214. Section 385.214 requires that a petition to intervene must state, to the extent known, the position taken by the petitioner and the petitioner's interest in sufficient factual detail to demonstrate either that the petitioner has a right to participate because it is a State Commission; that it has or represents an interest which may be directly affected by the outcome of the proceeding(s), including any interest as a consumer, customer, competitor, or security holder of a party to the proceeding; or that the petitioner's participation is in the public interest.

A final decision will be made on the application for Presidential permit contained in docket PP-106 after a determination is made by the DOE that the proposed action is in the public interest and will not adversely impact on the reliability of the U.S. electric power supply system. Before a final decision is made on the export application contained in docket EA-106, the DOE must determine that the proposed export would not impair the sufficiency of electric supply within the U.S. and would not impede or tend to impede the coordination in the public interest of facilities subject to the jurisdiction of the DOE.