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At the conclusion of the meeting, the Committee, at its discretion, may invite attendees to address the Committee briefly on issues pertaining to the functions of the Committee, which are listed earlier in this notice. If you are interested in making such comments, you should inform Ms. LeBold before or during the meeting.

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**Authority:** 5 U.S.C. Appendix 2.

Dated: September 26, 2002.

**Sally L. Stroup,**

*Assistant Secretary for Postsecondary Education.*

[FR Doc. 02-25210 Filed 10-3-02; 8:45 am]

**BILLING CODE 4000-01-P**

## **DEPARTMENT OF ENERGY**

### **Agency Information Collection Under Review by the Office of Management and Budget (OMB)**

**AGENCY:** Department of Energy.

**ACTION:** Submission for OMB review; comment request.

**SUMMARY:** The Department of Energy (DOE) has submitted an information collection package to the OMB for renewal under the Paperwork Reduction Act of 1995. The package requests a 3-year extension of its financial assistance information collection, OMB Control Number 1910-0400, titled "Financial Assistance". This information collection package covers information necessary to solicit, negotiate, award and administer grants and cooperative agreements under the Department's financial assistance programs. The information is used by Departmental management to exercise management oversight, with respect to the implementation of applicable statutory and regulatory requirements and obligations. The collection of this information is critical to ensure the Government has sufficient information to judge the degree to which awardees meet the terms of their agreements; that public funds are being spent in the manner intended; and that fraud, waste, and abuse are immediately detected and eliminated.

**DATES AND ADDRESSES:** Comments regarding the information collection package should be submitted to the OMB Desk Officer at the following address no later than November 4, 2002. DOE Desk Officer, Office of Information and Regulatory Affairs (OIRA), Office of Management and Budget, Docket Library, Room 10102, 725 17th Street, NW., Washington, DC 20503. If you anticipate that you will be submitting comments, but find it difficult to do so within the period of time allowed by this notice, you should advise the OMB Desk Officer of your intention to do so as soon as possible. The Desk Officer may be telephoned at (202) 395-3087.

**FOR FURTHER INFORMATION CONTACT:** Susan L. Frey, Director, Records Management Division, Office of Records and Business Management, Office of the Chief Information Officer, U.S. Department of Energy, Washington, DC 20585-1290, (301) 903-3666, or e-mail [susan.frey@hq.doe.gov](mailto:susan.frey@hq.doe.gov). (Also notify Richard B. Langston, Office of Procurement and Assistance Policy (ME-61), Washington, DC 20585 or e-mail [richard.langston@hq.doe.gov](mailto:richard.langston@hq.doe.gov).)

**SUPPLEMENTARY INFORMATION:** The package contains: (1) *Title:* Financial Assistance;

(2) *Current OMB Control Number:* 1910-0400; (3) *Type of Respondents:* DOE financial assistance applicants and awardees; (4) *Estimated Number of Responses:* 44,457; (5) *Estimated Total Burden Hours:* 15,544, including recordkeeping hours, required to provide the information; (6) *Purpose:* This information is required by the Department to ensure that programmatic and administrative management requirements and resources are managed efficiently and effectively and to exercise management oversight of DOE award recipients; (7) *Number of Collections:* The package contains 58 information and/or recordkeeping requirements.

**Statutory Authority:** Section 3506(c)(2)(A) of the Paperwork Reduction Act of 1995 (Pub. L. No. 104-13).

Issued in Washington, DC, on September 30, 2002.

**Susan L. Frey,**

*Director, Records Management Division, Office of Records and Business Management, Office of the Chief Information Officer.*

[FR Doc. 02-25256 Filed 10-3-02; 8:45 am]

**BILLING CODE 6450-01-P**

## **DEPARTMENT OF ENERGY**

### **Office of Science Financial Assistance Program Notice 03-04: Joint Interagency Program on Phytoremediation Research**

**AGENCY:** Department of Energy (DOE).

**ACTION:** Notice inviting grant applications.

**SUMMARY:** The Office of Biological and Environmental Research (OBER) of the Office of Science (SC), U.S. Department of Energy (DOE), hereby announces its interest in receiving applications for research grants in the Joint Interagency Program on Phytoremediation Research. The DOE is cooperating with the National Science Foundation, the Office of Naval Research, and the Strategic Environmental Research and Development Program in this joint announcement. The focus of the program is on basic research projects that address the fundamental mechanisms of interactions between plants, microorganisms, and contaminant chemicals in soils, sediments and water (potentially marine, estuarine, or freshwater systems) that result in the degradation, extraction, volatilization, or stabilization of the contaminant. Contaminants of interest include organic pollutants, radionuclides and metals. Information derived from such research should provide the knowledge

base to develop the effective use of plants to remediate hazardous wastes in the environment. This program is *not* appropriate for the simple field testing of plant species for their utility in phytoremediation or the specific application of phytoremediation to a particular waste site.

**DATES:** The deadline for receipt of formal applications is 4:30 p.m., E.S.T., January 15, 2003, to be accepted for merit review and to permit timely consideration for awards late in Fiscal Year 2003.

**ADDRESSES:** We encourage you to submit formal applications in response to this solicitation electronically through DOE's Industry Interactive Procurement System (IIPS) at: <http://e-center.doe.gov/>. IIPS provides for the posting of solicitations and receipt of applications in a paperless environment via the Internet. Applications must be submitted through IIPS in PDF format by an authorized institutional business official. Questions regarding the operation of IIPS may be e-mailed to the IIPS Help Desk at: [HelpDesk@e-center.doe.gov](mailto:HelpDesk@e-center.doe.gov) or you may call the help desk at: (800) 683-0751. Further information on the use of IIPS by the Office of Science is available at: <http://www.sc.doe.gov/production/grants/grants.html>.

If you are unable to submit the application through IIPS, formal applications may be sent to: U.S. Department of Energy, Office of Science, Grants and Contracts Division, SC-64/ Germantown Building, 1000 Independence Avenue, SW., Washington, DC 20585-1290. ATTN: Program Notice 03-04.

When submitting applications by U.S. Postal Service Express Mail, any commercial mail delivery service, or when hand carried by the applicant, the following address must be used: U.S. Department of Energy, Office of Science, Grants and Contracts Division, SC-64, 19901 Germantown Road, Germantown, MD 20874-1290, ATTN: Program Notice 03-04.

**FURTHER INFORMATION/CONTACTS:** The full text of Program Notice 03-04 is available via the Internet using the following web site address: <http://www.sc.doe.gov/production/grants/grants.html>. Further information, if needed, may be obtained from the Agency officials indicated below. E-mail inquiries are preferred.

Dr. Anna Palmisano, 301-903-9963, Department of Energy,

[Anna.palmisano@science.doe.gov](mailto:Anna.palmisano@science.doe.gov).

Dr. Linda Chrisey, 703-696-4504, Office of Naval Research, [chrise@onr.navy.mil](mailto:chrise@onr.navy.mil).

Dr. Bruce Hamilton, 703-292-7066, Division of Bioengineering and Environmental Systems, National Science Foundation, [bhamilto@nsf.gov](mailto:bhamilto@nsf.gov).

Dr. Sharman D. O'Neill, 703-292-7888, Division of Integrative Biology and Neuroscience, National Science Foundation, [soneill@nsf.gov](mailto:soneill@nsf.gov).

Dr. Andrea Leeson, 703-696-2118, Strategic Environmental Research and Development Program, [Andrea.leeson@osd.mil](mailto:Andrea.leeson@osd.mil).

#### **SUPPLEMENTARY INFORMATION:**

Contaminants of concern have accumulated in various environmental media (soils, sediments, groundwater, seawater) as a consequence of anthropogenic activities. To reduce risk to humans or the environment, remedial technologies may be employed to remove, transform or reduce the concentration or bioavailability of potentially harmful contaminants. Contaminants (and corresponding media) for which harmful effects have been documented include:

- Cd, Pb, Se in soils—Human disease and retardation;
- Se in soil—Livestock and wildlife poisoning;
- Mo in soil—Ruminant livestock poisoning;
- Zn, Ni, Cu in acidic soils resulting from mines/smeltering operations—Phytotoxicity to sensitive plants;
- Organotin and Cu (from marine ship paints) in seawater/sediments—accumulation in estuarine shellfish and other benthic biota;
- Polycyclic aromatic hydrocarbons (PAH's, all media)—Human carcinogens/mutagens;
- Polychlorinated biphenyls and dioxins (all media)—Endocrine disruption in many organisms; carcinogens;
- Radionuclides such as Ur, Tc, Cs, Sr from the legacy of nuclear weapons production, in surface soils and subsurface environments—Chemical, radiological and genetic toxicity;
- Energetic compounds [such as trinitrotoluene; 1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX); 1,3,5-trinitro-1,3,5-triazine (RDX); picric acid; and degradation products] in estuarine sediments—toxicity toward various estuarine/freshwater species; and
- Hg and As from a range of sources, in all media—may also create risks to humans and the environment.

Although some of these contaminants can be remedied by conventional technologies, such as excavation/incineration, pump-and-treat, or dredging, phytoremediation, or the use of plants for remediation, may offer a

more economical, effective alternative that is acceptable to the public. While specific phytoremediation approaches vary, the contaminant is either removed from soils and sediments for disposal or recycling, or left in place following stabilization. Research to elucidate basic mechanisms of phytoremediation and in contemplation of totally new applications (e.g., "phycoremediation" using estuarine/marine algae, seaweeds and sea grasses) could ultimately lead to the development of a potentially valuable remediation strategy.

Phytoremediation has been applied in a limited fashion for the clean up of both metals and organic pollutants in soils. Because metals cannot be degraded beyond their elemental states, bioremediation of metals and radionuclides in soils and other environmental media has been particularly difficult and expensive. The general strategies for phytoremediation of soil metals and/or radionuclides are (1) to phytoextract the contaminants into the plant shoots for recycling or less expensive disposal, and (2) to phytostabilize the elements through binding with organic matter into persistently non-bioavailable forms. Phytovolatilization, a process that may also remove metals from soil or water to air, has also been considered. The basic genetic, biochemical, physiological, ecological, and environmental mechanisms are not well known for any of these processes.

Mechanisms similar to the phytoextraction and phytovolatilization of metals may also apply to the treatment of organic contaminants. In addition, the excretion of bioactive root exudates is an important route for either direct, enzymatic degradation of contaminants, as is the stimulation of the root-colonizing microbial assemblage. Observations from field tests indicate that many plants have the capacity to extract and degrade certain organic chemicals. However, there is little information available about the use of phytoremediation in contaminated marine environments. Potential scenarios for use of either submerged plants (e.g., seaweeds, sea grasses, algae) planted on site, or used in conjunction with confined aquatic disposal sites may be envisioned.

Thus, in many situations, plants may offer an alternative means for clean-up of recalcitrant hazardous wastes. However, in most successful examples of phytoremediation, we lack information about the basic mechanisms plants employ to extract and/or degrade contaminants from polluted environments.

### Program Description

The need to prevent or ameliorate adverse environmental effects of persistent soil and sediment contaminants, and to do so at lower cost than existing technologies, has brought increased attention to phytoremediation. This program notice solicits applications for research projects that address the fundamental mechanisms of interactions between plants, microorganisms, and contaminant chemicals in soils, sediments and water (potentially marine, estuarine, or freshwater systems), which result in the degradation, extraction, volatilization, or stabilization of the contaminant. Such research should address relevant aspects of plant-microorganism-contaminant interactions, including the phenomena of biodegradation, biotransformation, extraction, and hyperaccumulation of contaminants by plants. Information derived from such research should inform efforts to develop the effective use of plants to remediate hazardous wastes. For example, collaborations among life scientists, environmental chemists and engineers are encouraged.

Examples of research on organic, metal or radionuclide contamination that might be addressed include the following:

- Extent and mechanisms of plant-microorganism interactions that facilitate phytoremediation;
- Soil/sediment geochemistry, fertility, and cultivation practices that influence plant-microorganism-contaminant interactions;
- Environmental factors (e.g., temperature, rainfall) that influence phytoremediation;
- Molecular biological basis of contaminant hyperaccumulation by plants that will facilitate more efficient phytoremediation;
- Fundamental processes by which plants take up or transform radionuclides or metals from contaminated soils and groundwater;
- Biochemical and genetic basis for enhanced biotransformation of organic contaminants by plants and associated microorganisms; and
- Potential for use of marine/estuarine plants for phytoremediation, to include study of biochemical or genetic mechanisms of resistance, and/or the development of molecular biology techniques for genetic manipulation of marine seaweeds/sea grasses.

This program is not appropriate for the simple field testing of plant species for their utility in phytoremediation or the development of systems for the

specific application of phytoremediation to particular environmental contamination problems. Applications for such research will not be considered. However, mechanistic studies conducted under field conditions are desirable. To avoid the high cost of establishing new field research sites, field studies should use well-instrumented, characterized, and documented sites. Some appropriate sites that are available for field research are listed below. The named individuals should be contacted to ascertain the logistical and financial arrangements that will be necessary for research that is proposed at the site and these arrangements should be reflected in the application.

- Various Department of Energy sites; Contact: Mr. Paul Bayer, 301-903-5324, [paul.bayer@science.doe.gov](mailto:paul.bayer@science.doe.gov)

- Various Department of Navy sites; Contact: Dr. Linda Chrisey, 703-696-4504, [chrisey@onr.navy.mil](mailto:chrisey@onr.navy.mil)

- The U.S. Navy's Port Hueneme, CA, site; Contact: Mr. Ernie Lory, 805-982-1299, FAX: 805-982-4304, [loryee@nfesc.navy.mil](mailto:loryee@nfesc.navy.mil)

- Dover Air Force Base, DE; Contact: Tim McHale, 302-677-4147, FAX: 302-677-6837, [tjmchale@bellatlantic.net](mailto:tjmchale@bellatlantic.net)

Applicants must document where any proposed field research will be conducted and must include a letter from the site management indicating their commitment to participate in the research. Arrangements must be made in advance regarding the possible need for funding of activities at the field site. Do not presume that site management will be able to cover add-on research costs.

This solicitation is offered under the auspices of the Environmental Biotechnology Task Force, Biotechnology Research Working Group, Subcommittee on Biotechnology, Committee on Science of the National Science and Technology Council (NSTC). A more detailed statement of interagency interests and priorities in bioremediation research can be found in the Environmental Biotechnology chapter of the NSTC report, *Biotechnology for the 21st Century*; New Horizons <http://www.nalusda.gov/bic/bio21>.

### Funds Available

It is anticipated that up to \$3 million will be available for multiple awards to be made in Fiscal Year 2003 in the categories described above, contingent on availability of appropriated funds, and the programmatic relevance of recommended projects to the participating agencies. An additional sum, up to \$1 million, will be available

for competition by DOE National Laboratories under a separate solicitation (LAB 03-04). Applications may request project support up to three years, with an upper limit of \$150,000 per year. Out-year support is contingent on availability of funds, progress of the research and programmatic needs of the supporting agency. Each project selected for support will be funded by a single agency. The PI's will be notified by the agency program manager of the need for additional agency-specific forms or procedures.

### Merit Review

Applications will be subjected to formal merit review (peer review) and will be evaluated against the following evaluation criteria which are listed in descending order of importance 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.

Also, as part of the evaluation, program policy factors become a selection priority. Note, external peer reviewers are selected with regard to both their scientific expertise and the absence of conflict-of-interest issues. Federal and non-federal reviewers will be used, and submission of an application constitutes agreement that this is acceptable to the investigator(s) and the submitting institution.

### Submission Information

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 SC's Financial Assistance Application Guide is possible via the World Wide Web at: <http://www.sc.doe.gov/production/grants/grants.html>. DOE is under no obligation to pay for any costs associated with the preparation or submission of applications. In addition, for this notice, the research description must be 20 pages or less, exclusive of attachments, 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 should include short (two

pages) curriculum vitae, a listing of all current and pending federal support and letters of intent when collaborations are part of the proposed research. Curriculum vitae should be submitted in a form similar to that of NIH or NSF (two to three pages), *see* for example: <http://www.nsf.gov:80/bfa/cpo/gpg/fkit.htm#forms-9>.

The Office of Science as part of its grant regulations requires at 10 CFR 605.11(b) that a recipient receiving a grant and performing research involving recombinant DNA molecules and/or organisms and viruses containing recombinant DNA molecules shall comply with the NIH "Guidelines for Research Involving Recombinant DNA Molecules," which is available via the world wide web at: <http://www.niehs.nih.gov/odhsb/biosafe/nih/rdna-apr98.pdf>, (59 FR 34496, July 5, 1994), or such later revision of those guidelines as may be published in the **Federal Register**. Grantees must also comply with other federal and state laws and regulations as appropriate; for example, the Toxic Substances Control Act (TSCA) as it applies to genetically modified organisms. Although compliance with NEPA is the responsibility of DOE, grantees proposing to conduct field research are expected to provide information necessary for the DOE to complete the NEPA review and documentation.

(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 September 27, 2002.

**John Rodney Clark,**

*Associate Director of Science for Resource Management.*

[FR Doc. 02-25257 Filed 10-3-02; 8:45 am]

**BILLING CODE 6450-03-P**

## DEPARTMENT OF ENERGY

### Environmental Management Site-Specific Advisory Board, Savannah River

**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), Savannah River. The Federal Advisory Committee Act (Pub. L. 92-463, 86 Stat.770) requires that public notice of these meetings be announced in the **Federal Register**.

**DATES:** Monday, October 21, 2002—3 p.m.—9 p.m. Tuesday, October 22, 2002—8 a.m.—4 p.m.

**ADDRESSES:** Charleston Riverview Hotel, 170 Lockwood Drive, Charleston, SC 29403.

**FOR FURTHER INFORMATION CONTACT:** Gerri Flemming, Science Technology & Management Division, Department of Energy Savannah River Operations Office, PO Box A, Aiken, SC 29802; Phone: (803) 725-5374.

**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

*Monday, October 21, 2002*

3 p.m.—Long-Term Stewardship Committee  
5 p.m.—Executive Committee  
6:30 p.m.—Public Comment Session  
7 p.m.—Committee Meetings  
9 p.m.—Adjourn

*Tuesday, October 22, 2002*

8:30–9 a.m.—Approval of Minutes; Agency Updates; Public Comment Session; Facilitator Update  
9–9:30 a.m.—Chair Update  
9:30–11 a.m.—Strategic and Long-Term Issues Committee  
11–11:45 a.m.—Nuclear Materials Committee Report  
11:45–12 a.m.—Public Comments  
12 noon Lunch Break  
1–1:45 p.m.—Administrative Committee Report  
—Bylaws Amendment Proposal  
—Presentation of 2003 Candidates  
1:45–2 p.m.—Long-Term Stewardship Committee  
2–3:15 p.m.—Waste Management Committee Report  
3:15–3:50 p.m.—Environmental Restoration Committee  
3:50–4 p.m.—Public Comments  
4 p.m.—Adjourn

If needed, time will be allotted after public comments for items added to the agenda, and administrative details. A final agenda will be available at the meeting Monday, October 21, 2002.

*Public Participation:* The meeting is open to the public. Written statements may be filed with the Board either before or after the meeting. Individuals who wish to make the oral statements pertaining to agenda items should contact Gerri Flemming's office at the address or telephone listed above. Requests must be received five days prior to the meeting and reasonable provision will be made 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. Each individual wishing to make public comment will be provided equal time to present their comments.

*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 a.m. and 4 p.m., Monday through Friday, except Federal holidays. Minutes will also be available by writing to Gerri Fleming, Department of Energy Savannah River Operations Office, PO Box A, Aiken, SC 29802, or by calling her at (803) 725-5374.

Issued at Washington, DC on September 30, 2002.

**Rachel M. Samuel,**

*Deputy Advisory Committee Management Officer.*

[FR Doc. 02-25339 Filed 10-3-02; 8:45 am]

**BILLING CODE 6450-01-P**

## DEPARTMENT OF ENERGY

### Federal Energy Regulatory Commission

[Project No. P-2375-035]

#### International Paper Company; Notice of Availability of Environmental Assessment

September 30, 2002.

In accordance with the National Environmental Policy Act of 1969, as amended, and the Federal Energy Regulatory Commission's (Commission) regulations (18 CFR part 380), Commission staff have reviewed an application for a non-capacity related license amendment at the Riley-Jay-Livermore Project, FERC No. 2375, and have prepared an Environmental Assessment (EA) on the application. The project is located on Androscoggin River at the junction of Franklin, Androscoggin, and Oxford Counties, Maine.

Specifically, the project licensee (International Paper Company) has requested Commission approval to amend the present license to maintain the existing Livermore powerhouse as is, and construct a new powerhouse to contain a single new turbine and generator with an installed capacity of 1 MW. This unit will discharge into the upper portion of the lower bypass reach and will serve as a minimum flow unit with a hydraulic capacity of 450 cfs, which would bring the Livermore development's total hydraulic capacity to 3,906 cfs, instead of the authorized hydraulic capacity of 5,400 cfs. The authorized installed capacity of the project would be reduced from 23,185 kW to 19,725 kW. In the EA, Commission staff have analyzed the