

FOIA MARKER

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Series/Staff Member: Skip Johns
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Folder Title:
Electric Power Research Institute (EPRI)

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WASHINGTON OFFICE REPRESENTATIVES

Michael Delello	Corporate/ Washington Relations	(202) 293-6187
Collette Harris	Coordinator, Government Affairs	293-6186
Cheryl Taylor	Coordinator, Public Information	293-6346
David Eskinazi	Fossil/Env Controls/Renewables	293-7515
Ellie Hollander	Domestic Membership	293-7513
Steven Lindenberg	Environment	293-6184
Michael Tinkleman	Energy Efficiency/Electrotechnologies	293-6348
Gary Vine	Nuclear	293-6347
Jone-Lin Wang	Industry Analysis/Int'l Agency Liaison	293-6185

DIRECTIONS

FROM NATIONAL AIRPORT

Public Transportation: Metro

- Blue line to Farragut West (18th Street Exit)
- 3 blocks west to 20th & K Streets
- Right on 20th Street
- Left on L Street
- Office located between 20th & 21st Streets

Automobile

- Take G.W. Parkway North to Washington, DC
- Exit GWP on to 395N
- Over 14th Street Bridge
- Left on K Street
- Right on 22nd Street*
- Right on L Street
- Office located between 20th & 21st Streets
- Garage parking in basement of building

FROM DULLES AIRPORT

Public Transportation

- Cab Service
- Washington Flyer Shuttle (to 16th & K Streets)

Automobile

- Enter Washington, DC, on Interstate 66
- Over Roosevelt Bridge
- Bear Right on to Constitution Avenue
- Left on 18th Street
- Left on K Street
- Right on 22nd Street*
- Right on L Street
- Office located between 20th & 21st Streets
- Garage parking in basement of building

*Get in right hand local access lane prior to 20th Street to avoid Washington Circle underpass



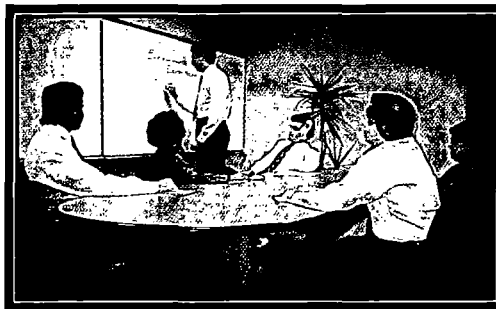
Video Conference Center *

Capacity: 10 people



Large Conference Room

Capacity: 50 people



Small Conference Room

Capacity: 10 people

**The video conferencing equipment can be moved to accommodate larger meetings.*

EPRI's Washington office serves as a focal point for East Coast project management, marketing, and government affairs activities. EPRI would like to share its conferencing facilities with member companies who may need to host meetings in Washington. Please consider this as an EPRI member resource in the DC area.

MEETINGS/CONFERENCES

- Large or small groups
- Training facilities
- Breakout rooms
- Audiovisual equipment
- Facsimile
- Catering arrangements

EPRI VIDEO CONFERENCES

- Linked to all EPRI offices and many member utilities
- Automation systems support
- Document sharing
- Slide/videotape capabilities
- Telephone conferencing



Barbara Schrack
Conference and Staff Aide

To reserve one or more conference rooms,
please contact Barbara Schrack at
202/872-9222.



Cheryl Taylor
Communications Coordinator

Information Services

Cheryl Taylor serves as the EPRI/Washington information source to staffs of industry, member utilities, trade associations, government agencies, congressional offices, and various energy organizations. The library resources include a collection of EPRI technical/non-technical publications, videos, and specialized files, as well as non-EPRI periodical and reference collections. For more information, please contact Cheryl Taylor at 202/293-6346.

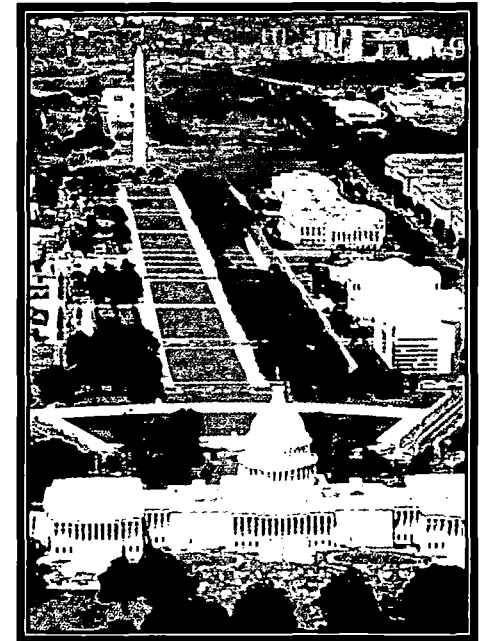
Electric Power Research Institute
2000 L Street, NW, Suite 805
Washington, DC 20036

EPRI

WASHINGTON, DC CONFERENCE FACILITIES AND INFORMATION SERVICES

Available to

Electric Power Research Institute Members



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202/872-9222
202/293-2697 Fax*

EPRI WASHINGTON OFFICE
2000 L Street, NW, Suite 805, Washington, DC 20036
(202) 872-9222 (Main #) • (202) 293-2697 (Fax)

EPRI's Washington Office has been redesigned to provide improved services and resources. Listed below, for your information, are contacts and a brief description of their respective responsibility areas.

WASHINGTON RELATIONS



Michael Delello
Manager, Washington Office
(202) 293-6187

Heads EPRI's Washington Office and serves as Corporate representative in Washington with utility representatives, trade associations, White House personnel, congressional members and staffs, government agencies, etc. Responsible for developing cooperative/collaborative initiatives in Washington.



Collette Harris
Government Relations Coordinator
(202) 293-6186

Monitors congressional activities related to environmental and energy issues affecting research and development for the electric utility industry. Coordinates government-related activities.

TECHNICAL GROUP REPRESENTATIVES

A technical representative for each EPRI business group is staffed in Washington. Each serves as the technical liaison between EPRI Headquarters and the Washington community--utility representatives, trade associations, government agencies, and other energy/environmental groups. Our Washington representatives are available to assist on a wide range of technical issues and to keep the Washington community informed of EPRI's research and development activities and available technology applications.



David Eskinazi
Generation
(202) 293-7515

Fossil power plants, environmental controls, renewable energy, and storage.



Steven Lindenberg
Environment
(202) 293-6184

Global climate, land and water quality, air emissions, and electromagnetic fields.



Michael Tinkleman
Customer Systems
(202) 293-6348

End-use energy efficiency and electrotechnologies for residential, commercial, industrial, and transportation customers; power quality; and marketing tools and Demand-Side Management (DSM).



Gary Vine
Nuclear Power
(202) 293-6347

Advanced light water reactors, nuclear economics, international nuclear safety, risk-based regulation, nuclear waste management, and other EPRI nuclear-related technologies.

Rick Shumard *
Power Delivery
(415) 855-2978

Transmission and distribution.

* At this time, we do not have a Power Delivery representative in the Washington Office. We expect to fill this position in 1995, until then all inquiries will be handled by Rick Shumard.

COMMUNICATIONS/PUBLIC INFORMATION



Cheryl Taylor
Communications Coordinator
(202) 293-6346

Handles information inquiries related to EPRI's research and development activities. Maintains Washington Office library of EPRI reports including the *EPRI Journal*, *Innovators*, and *Technical Briefs*. Coordinates EPRI Washington media activities.

MEMBERSHIP SERVICES



Ellie Hollander
Manager, Domestic Membership
(202) 293-7513

Manages the team responsible for overseeing the relationship between EPRI and its member utilities and for recruiting new members.

INTERNATIONAL RELATIONS



Jone-Lin Wang
Industry Analyst/International Liaison
(202) 293-6185

Tracks industry trends and changes in regulation, financial performance, and industry restructuring. Serves as liaison with the World Bank and the Wall Street financial community.

STATEMENT OF RICHARD E. BALZHISER

Signing Ceremony

"SUSTAINABLE ELECTRIC PARTNERSHIP" AGREEMENT

between the

U.S. DEPARTMENT OF ENERGY

and the

ELECTRIC POWER RESEARCH INSTITUTE

October 5, 1994

I am extremely pleased to be here today with Secretary O'Leary, representatives from some of our 700 member companies and my colleagues from the trade associations that represent all segments of the industry. Tom Kuhn from the Edison Electric Institute, Larry Hobart from the American Public Power Association, and Phil Bayne from the Nuclear Energy Institute. Glenn English had an important board meeting but I am pleased to see John Neal, Director of research for the National Rural Electric Cooperatives Association. Their support of EPRI and its research and development activities has been crucial through the years, and I especially look forward to continued partnership with these groups as we implement the "Sustainable Electric Partnership."

I want to start by offering a special word of thanks to Hazel and to members of her staff. The "Sustainable Electric Partnership" Agreement exemplifies in a very practical and concrete way, this Secretary's commitment to implementing President Clinton's policies to encourage federal/private

partnerships in technology development. In an era of constrained federal and private research and development funding, it is in the national interest to assure that these private and federal R&D resources be expended with the least amount of duplication and where appropriate, combined to leverage the best possible results. That was the vision of our utility founders who 21 years ago created EPRI as an alternative to a senate proposal to tax electricity and the creation of an Energy R&D Trust Fund.

EPRI has enjoyed a very good relationship in the past with the Department of Energy and its predecessors. However, we jointly felt that a need exists to strengthen and expand the communications between our organizations and develop the instruments necessary to cost-share important technology work expeditiously. This agreement renews our commitment and provides a framework to accomplish just that. Quite simply, DOE and EPRI have committed to seek opportunities for jointly funded activities and to meet annually to debrief each other on our annual R&D technology development portfolios. These technology portfolios include electric generation, transmission and distribution, and end-use technologies. Non-technology portfolios included investigating issues associated with health, environment and safety.

I am pleased to state that our first annual meeting will take place March 29, 1995, and will take place in that time frame annually thereafter. There are two other important components of this agreement. The first is the commitment to finalize by December 15, 1994, the development of a master cooperative agreement that will serve as the model for individual cost-sharing agreements that EPRI will manage. The second, a model

participation agreement, which becomes effective immediately, that will build in a role for EPRI in cost-shared work that DOE will manage. We are both committed to continually examining this agreement in order to assure its objectives are fully realized.

Electricity is clearly becoming the primary vehicle for best coupling our energy and intellectual resources in assuring a clean, efficient and sustainable energy future. This is truly a significant event and EPRI is looks forward to partnering with the Department of Energy in assuring a sustainable electric future as we move into the 21st century.

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A Special Issue

EPRI's 20th ANNIVERSARY

ELECTRIC POWER RESEARCH INSTITUTE

EPRI JOURNAL

JANUARY/
FEBRUARY
1993

**1973
1993**



Electric Power
Research Institute

Richard E. Balzhiser
President and Chief Executive Officer

May 3, 1994

The Honorable Lionel Skipwith Johns
Associate Director for Technology
Office of Science and Technology Policy
The White House
Washington, DC

Dear Mr. Johns:

Thank you for taking time from your busy schedule to present the Administration's views and the research and development agenda relating to the National Information Initiative (NII). Your insights were very much appreciated by EPRI staff and our board members.

Please consider EPRI as a source of technical information and professional expertise that can assist you in accomplishing the Administration's important technology agenda. We would welcome the opportunity to be of assistance to you.

Thank you again for your time and I look forward to seeing you again soon.

Sincerely,

A handwritten signature in dark ink, appearing to read "Dick", written over the word "Sincerely,".

Richard E. Balzhiser

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POSITIONING STRATEGIES: UTILITY INFORMATION SUPERHIGHWAY

Clark Gellings and Karl Stahlkopf

A presentation to
Electric Power Research Institute
Board of Directors
Washington, D.C.

April 19, 1994

EPRI

Washington, D.C.

Fax/Telecopy

Fax No. (202) 293-2697

Verification No. (202) 872-9222

DATE		NO. PAGES	____ (INCLUDING COVER)
FROM	Mick Delella	DEPT/DIV.	

TO	BARBARA BRUNSTEN	COMPANY	
COUNTRY CODE		FAX NO.	2156-6023

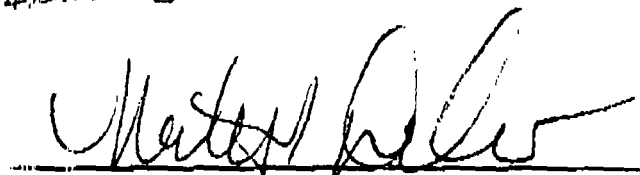
MESSAGE:

- request - 15 minute talk - NII +
TECHNOLOGY ISSUES/NEEDS -
10-15 Questions from CEO'S.

April 19 -

~~4-19-94~~
4-5:30 Time frame

Louis L'Entant


Signature

Sorry for the informality.

Mu

Sec Trans

Info // Tech Fair

Transportation

ELECTRIC POWER RESEARCH INSTITUTE**BOARD OF DIRECTORS****July 20, 1993**

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San Francisco, CA 94106

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President and Chief Executive
Officer
Alabama Electric Cooperative, Inc.
P.O. Box 550
Andalusia, AL 36420

Arthur von Rosenberg
(1992-1996)

General Manager
San Antonio City Public Service
P.O. Box 1771
San Antonio, TX 78296

EPRI HIGHLIGHTS

EPRI's Mission:

To discover, develop, and deliver advances in science and technology for the benefit of member utilities, their customers, and society.

Introducing EPRI

The Electric Power Research Institute (EPRI) is a nonprofit organization that conducts a far-reaching program of collaborative research and development supported by the nation's electric power industry. From EPRI headquarters in Palo Alto, California, some 350 scientists and engineers manage nearly 1600 ongoing projects carried out by industry, government and private laboratories, universities, and other independent contractors around the world.

In providing technologies for electric generation, delivery, and end use, EPRI performs scientific research in the public interest. All EPRI research on safety and environmental issues is broadly available. The Institute does not take positions on matters of public policy. Rather, it aims to perform the best possible scientific analysis, offering technical expertise to help utilities, their customers, and the rate-paying public make more informed decisions on science and technology issues.

EPRI's strategic directions and research programs are determined through consultation with its electric utility members. It also seeks advice and ideas from people and groups outside the utility industry. EPRI's Advisory Council formally represents the public interest and provides extremely important

The Strategic Issues

To provide electricity and electrotechnologies to the nation in the most economically and environmentally sound manner, EPRI has focused its research, development, and delivery program on these four key industry issues:

Sustainable Electric Future

New energy and technology alternatives are needed to ensure a long-term sustainable electric future, both nationally and globally.

Environmental Health, Welfare, and Safety

Environmental health, welfare, and safety is a national and international priority providing both opportunities and challenges to the electric industry.

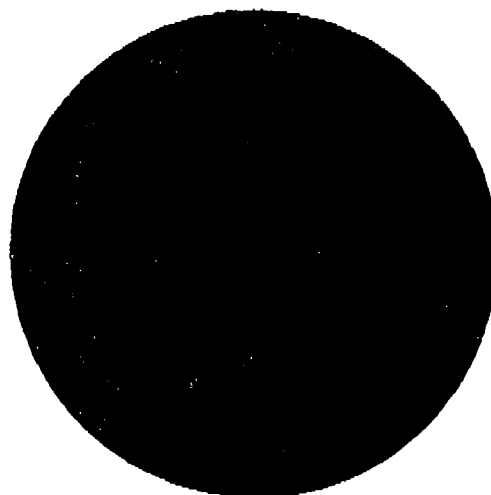
Electricity Value

Customer expectations and end-use technologies are changing, making it increasingly important to enhance the value of electricity services.

Cost Control

The productivity of utility assets must continue to increase to address cost escalation and competitive pressure.

EPRI BASE RD&D PLAN BY ISSUE



- Sustainable Electric Future 29%
- Environmental Health, Welfare & Safety 29%
- Electricity Value 16%
- Cost Control 26%



John W. Ellis — Chairman, EPRI Board of Directors, Chairman & Chief Executive Officer, Puget Sound Power & Light Company

With the electric power industry facing many changes and challenges in the future, the industry must be committed to maintaining and enhancing its technology and knowledge base. The EPRI R&D program shows that commitment and will ensure that the industry has the necessary tools to meet the challenges that will be before us as we enter the next century.



Richard E. Belzhiser — President and Chief Executive Officer, EPRI

This year marks the 20th anniversary of the utility industry's commitment to a collaborative research program through the creation of EPRI. We look forward to a continuing partnership with our many constituencies in enhancing electricity's value to society in the 21st Century.

EPRI's MISSION

To discover, develop, and deliver advances in science and technology for the benefit of member utilities, their customers, and society.

Charting a strategic course for the future has never been more crucial to success. At EPRI, we believe that integrating R&D and technological innovation into utility strategic planning can make the competitive difference. Recognized and respected around the world, EPRI is developing the tools and technologies that will provide competitive benefits in a changing environment.

But that's just the beginning. A technology strategy tailored to your utility will help you establish priorities for pursuing innovations in R&D to achieve business goals and objectives. EPRI is dedicated to helping our members identify, support, and deploy the specific advanced technologies that will meet their own business goals. The Tailored Collaboration Program, for instance, allows members to invest in R&D projects of particular interest. Furthermore, to help members realize maximum value from their EPRI investment, an EPRI Member Relations Executive is assigned to each member utility to act as an advocate and to facilitate communication and information exchange between the utility and EPRI.

There are unlimited opportunities with leading technology and innovation. Utilities must embrace these opportunities and turn them into competitive advantages.

To: Skip Johns
From: David Lytel
Re: Brief briefing for EPRI function on 19 April
Date: 18 April

The attached article from the New York Times Magazine is the best briefing on what they want. The other useful document is a copy of what DOE presented to Gore at an IITF meeting in January on their plans to contribute to the NII. See pp. 5-6 on Energy Demand and Supply Management.

In terms of existing R&D activities to support NII you probably don't need much help from me. As you know, the principle component here is the HPCC program at \$1.1B requested for FY95. DOE ranks third, just behind ARPA and NSF (and ahead of NASA) with about 10% of the funds. Energy Management is one of the National Challenge areas. The FY95 Blue Book says that "DOE and the power utilities will document and assess the tools and technologies needed to implement the Natl Challenge of energy demand and supply management...and will document the expected economic benefits and identify policy or regulatory changes needed so that the utilities can participate in the deployment of the NII" (p. 26). Of course, we are looking for their help with this.

A likely mechanism for this will be the inclusion of Energy Management as one of the next set of Applications Papers done for the IITF Committee on Applications and Technology (CAT). Discussions are already underway on this and while we began with a core seven (education and lifelong learning, environmental monitoring, health care, libraries, electronic commerce, manufacturing, govt services) the topics for the next set is likely to be announced within a month. These papers will serve inputs into the FY96 budget process.

In terms of talking points:

- We understand that there are significant cost savings to be realized by network-enabled energy management.
- We agree that companies outside of traditional telecom businesses should be allowed to enter the field and are working on legislative changes that will make that so.
- We will continue to invest in R&D that gives us more capable systems and software

Enabled

David Lytel

- o Provide access to design expertise and codes for energy efficiency calculations, including engines, heat exchangers, and transportation systems, and for calculation of economic effects of environmental and energy strategies.

Energy Demand and Supply Management

Vision/Challenge:

Create the information infrastructure and the tools to support smart energy decisions by end users and industry and lessen the U.S. balance of payments and dependence upon foreign energy sources.

Economic and Customer Benefits:

The management of and our individual decisions on energy demand and supply are critical to the future of the nation. The economic benefits of the smarter decisions include:

- o In buildings (including individual home owners), improved energy efficiency and use through the development and use of better tools by architects, design engineers, and developers and more efficient use of our existing building inventory;
- o For utilities, better management of power supply and energy distribution grids and improved handling of peak loads to lower the ratio of peak demand to average demand and thereby have a significant impact on the capital cost of the power supply infrastructure;
- o In transportation, reduction of congestion, oil and gas consumption, and pollution, i.e., the reduced creation of greenhouse gasses;
- o In industry, more energy efficient processes that are thus more economically competitive;
- o For all energy users, the introduction of more information and competition in energy supply by allowing for choices in selecting alternative energy suppliers as well as energy sources;
- o For the Federal Energy Management Program (FEMP), more efficient use of energy in federal buildings; and

- o For the NII deployment, leverage both the Energy Power Utilities mission to provide electricity universally and their need to postpone the construction of new plants through energy management to provide for access to the NII at an affordable price for all U.S. citizens.

Application Description:

A broadly-based initiative in energy demand and supply management will provide for a long term Information Infrastructure Application that includes the following components. Support for architects and design engineers through a National Information Infrastructure (NII) to utilize energy advances and efficiency improvements in their designs. National Information Infrastructure accessible energy efficiency "yellow pages" directory would provide a directory of suppliers of energy related equipment, supplies, and services together with identified benefits for ready use by individual energy users (home and business owners) and at the wholesale level (industry and utilities). Development of network based tools to allow intercommunication of control and pricing information among providers and users to determine optimal strategies, based on real-time bidding, to clear the energy supply/demand market. The National Information Infrastructure allows fine scale control of Heating Ventilation and Air Conditioning, hot water, and appliances. Development of tools to facilitate all forms of telework such as telecommuting, electronic commerce, and smart highways to manage transportation energy demand. This will help reduce congestion, pollution, and fuel use. Time wasted in congestion is now partly offset by cellular phones, some with modems.

T.C.I. Cable $\triangle$ M

Utility App.

Locations
107 MIL ~~meter~~
500,000 Business
80,000 Schools

\$2-5 Bil yr

35 MIL averaged ~~med~~
utility

17 Guarantees utility ~~TOTAL~~

Harvey Johnson