

Organized by:
Office of Nuclear Regulatory Research
United States Nuclear Regulatory Commission
Washington, DC 20555



INTERNATIONAL CONFERENCE ON

Wire System Aging

April 23-25, 2002
DoubleTree Hotel
Rockville, Maryland USA

The Office of Nuclear Regulatory Research of the
U.S. Nuclear Regulatory Commission
cordially invites you to attend the

International Conference on Wire System Aging

April 23-25, 2002
Rockville, Maryland USA

Background

Most elements of the nation's infrastructure, including nuclear power plants, aircraft, spacecraft, railroads and residential housing are impacted by the aging of wire systems. A U.S. White House National Science and Technology Council study concluded that wire system safety is an important public health and safety issue that transcends government agencies. The subject is of considerable interest, especially at the NRC where it relates to the safe operation of commercial nuclear power plants.

Purpose

This conference has a three-fold purpose: 1) to review current practices and programs for understanding and managing wire system aging, 2) to exchange information on the current status of research related to the issue, and 3) to identify technical issues and programs of interest for collaborative research. Four specific topics will be the focus of the conference as they relate to wire system aging:

- Reliability Physics Modeling of Wire System Aging
- Fire Risk Assessment of Wire System Aging
- Risk Significance of Wire System Aging
- Prognostics and Diagnostics for Installed Wire Systems

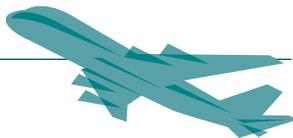
Conference Format

The conference will include technical presentations on each of the four topics to provide an overview of ongoing and planned research programs, along with a summary of the technical issues of interest for research. In addition, exhibitors will be invited to demonstrate state-of-the-art techniques for monitoring wire systems.

On the last day, a panel will summarize the results of each session and discuss the future direction for research and collaboration.

Conference Agenda (tentative)

Tuesday April 23, 2002



8:00 am to 4:00 pm Registration

Plenary Session

8:30 am Welcome and Opening Remarks

8:45 am Keynote Address

9:15 am Workshop Overview

Session on Reliability Physics Modeling of Wire System Aging

9:30 am to 12:00 noon Technical Presentations

Session on Fire Risk Assessment of Wire System Aging

1:30 pm to 4:30 pm Technical Presentations

Wednesday April 24, 2002

8:00 am to 4:00 pm Registration

Session on Risk Significance of Wire System Aging

8:30 am to 12:00 noon Technical Presentations

Session on Prognostics and Diagnostics for Installed Wire Systems

1:30 pm to 4:30 pm Technical Presentations

Thursday April 25, 2002

8:00 am to 10:00 am Registration

Continuation of Session on Prognostics and Diagnostics

8:30 am to 10:00 am Technical Presentations

Panel Session on Research Needs and Collaboration

10:00 am to 12:00 noon Discussion

Conference Registration

Prior registration is required. Due to space limitations, only the first 150 registrants are assured participation. There is no registration/admission fee. Pre-registration must be received by March 15, 2002.

Registration Form (Please Print)

Name: _____

Title: _____

Affiliation: _____

Address: _____

Country: _____

Telephone: _____

Fax: _____

email: _____

Please indicate if:

Speaker

Exhibitor

Panelist

Session Chair

Session Vice Chair

Four easy ways to register:

1. Visit our web site www.bnl.gov/icwsa
2. Mail the above registration card
3. Fax the above registration card
4. email the above registration information

Submit registration information before March 15, 2002 to:

Susan Monteleone, Conference Coordinator
Brookhaven National Laboratory
P.O. Box 5000, Building 130
Upton, New York USA 11973-5000
Tel. 1-631-344-7235
Fax. 1-631-344-3957
email: susanm@bnl.gov



Location

The conference will be held at the following hotel:

DoubleTree Hotel
1750 Rockville Pike
Rockville, Maryland USA 20852
METRO Stop TWINBROOK

Transportation

The Washington D.C. area is serviced by three major airports, Ronald Reagan Washington National Airport (National), Washington Dulles International Airport (Dulles), and Baltimore-Washington International Airport (BWI). The DoubleTree Hotel, National Airport and other local hotels are conveniently reached via the METRO train. Car rentals are available at all three airports. Parking is available at the DoubleTree Hotel for a nominal daily fee. Public transportation via the METRO is recommended.

Exhibits or Technical Information

To arrange for an exhibit or for additional technical information on the conference please contact the Conference General Chairman:

Jit Vora
U.S. Nuclear Regulatory Commission
Two White Flint North
11545 Rockville Pike, T10 E10
Rockville, Md. USA 20852-2738
Tel No. +1-301-415-5833
Fax No. +1-301-415-5151
email: jpv@nrc.gov

Technical Presentations

Technical presentations on topics related to wire system aging are welcome and are encouraged. If you would like to make a presentation, please submit a one page abstract of your paper via email (preferred), fax or mail to the Conference Chairman, Jit Vora, by **January 31, 2002**. Papers should focus on the four topics of interest for this conference, and should discuss ongoing and planned programs, as well as issues for future research and collaboration. Final papers will be due by **March 15, 2002**.

Hotel Reservations

A block of rooms has been reserved at the DoubleTree Hotel at the special conference rate of \$169 per night. Please contact the hotel directly to make room reservations and mention the "International Conference on Wire System Aging." Reservations must be made by April 2, 2002 to receive the special rate.

DoubleTree Hotel Rockville

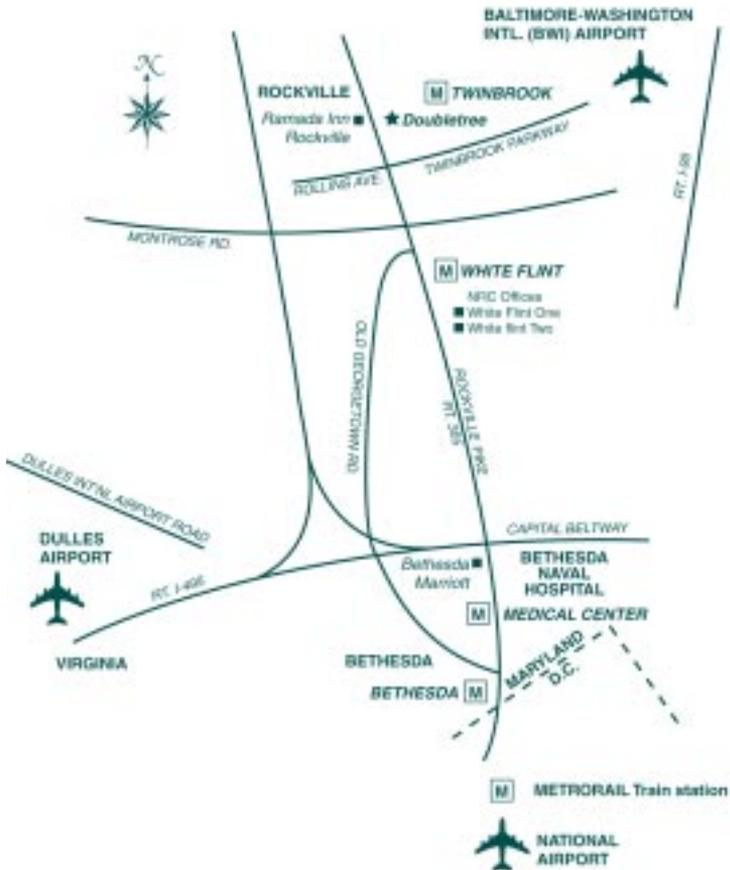
1750 Rockville Pike

Rockville, Maryland USA 20852

+1-301-468-1100 or +1-800-222-TREE

METRO stop TWINBROOK - walk to hotel

Hotel reservations are the responsibility of the registrant and should be made as soon as possible to ensure room availability.



Please remember these important dates!

January 31, 2002 Deadline to submit abstracts

March 15, 2002 Deadline for conference pre-registration

Deadline to submit final papers

April 2, 2002 Deadline to make hotel reservations

Four easy ways to register for the conference!

1. Visit our web site www.bnl.gov/icwsa
2. Mail the attached registration card
3. Fax the attached registration card
4. Email the registration information to susanm@bnl.gov

