

Background

The seminar will transfer the latest information on development, heat recovery steam generator tube failures, cycle chemistry, and monitoring in combined cycles.

General Information

The seminar will be held at the Stadthalle Hockenheim, February 6-7, 2002. Registration will begin on Wednesday, February 6 at 8:00 a.m. The seminar commences at 9:00 a.m. and will conclude at approximately 5:30 p.m. on Thursday, February 7, 2002. The registration fee includes the seminar binder (which will be available at registration), coffee breaks and lunch each day, as well as a social reception on Wednesday evening.

Accommodations

Attendees will be responsible for making their own hotel room reservation at the following hotel. Please make sure that you refer to the PowerPlant Chemistry Seminar by name making your reservation to receive the special group rate.

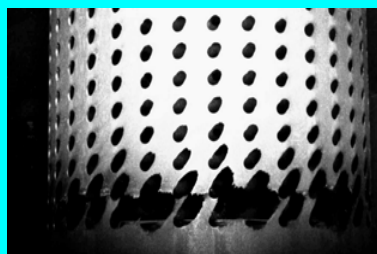
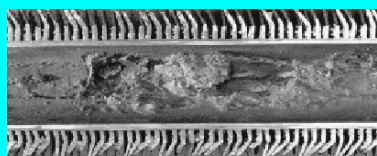
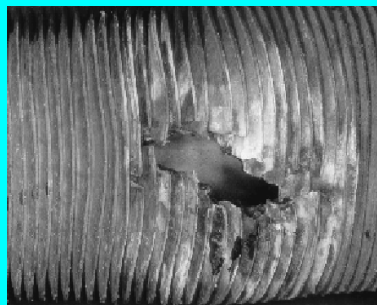
Ramada®-TREFF Page Hotel
Heidelberger Strasse 8, 68766 Hockenheim
Phone: +49-(0)6205-294-0
Fax: +49-(0)6205-294-150

Room rate: €70 (single occupancy). This rate includes the breakfast buffet. Room reservation deadline: January 16, 2002 (after this date the room rate may increase).

Registration

The registration fee is €550 for subscribers of PowerPlant Chemistry® journal (one attendee per one subscription). The fee for others is @650.

Please complete the enclosed registration form. Checks should be made payable to PowerPlant Chemistry GmbH. We also accept VISA, MasterCard and American Express.



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The Journal of All Power Plant Chemistry Areas

Seminar **COMBINED CYCLES AND HEAT RECOVERY STEAM GENERATORS**

**– Development, Boiler Tube Failures,
Chemistry, and Monitoring –**

Sponsored by PowerPlant Chemistry GmbH

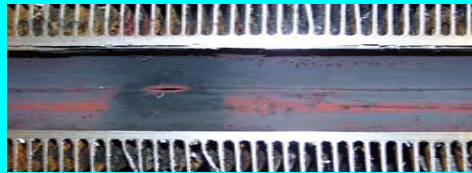
Seminar Agenda

Wednesday, February 6, 2002

- 9:00 a.m. Welcome and Introduction
9:30 a.m. Session "Development"
Speakers: Edwin Wolt (Siemens Power Generation)
Robert Svoboda (Alstom ABB)
In this session, two leading specialists report on historical development and present status of combined cycles and heat recovery steam generators and on possible future development.
- 10:30 a.m. Coffee Break
11:00 a.m. Session "Development" – Continuation
12:00 Discussion
12:30 p.m. Lunch
2:00 p.m. Session "Boiler Tube Failures"
Speaker: Barry Dooley (EPRI)
The world leading expert in this area, a technical executive in the Science and Technology Division at EPRI in Palo Alto, CA, the author of over 180 papers and – among other publications – of a three-volume book on boiler tube failures and a two-volume book on flow-accelerated corrosion in power plants, will report on the major cause of damage in the newer multiple pressure combined cycle plants, on boiler tube failures.
- 3:30 p.m. Coffee Break
4:00 p.m. Session "Boiler Tube Failures" – Continuation
7:30 p.m. Social Reception

Thursday, February 7, 2002

- 8:30 a.m. Session "Chemistry"
Speaker: Albert Bursik (PowerPlant Chemistry GmbH)
The internationally active power plant chemistry consultant, author of over 170 scientific and technical papers, a professor at University of Stuttgart and the editor of PowerPlant Chemistry® journal will evaluate the new developments in HRSG and combined cycle design and their consequences for the cycle chemistry selection.
- 10:15 a.m. Coffee Break
10:45 a.m. Session "Monitoring"
Speakers: Albert Bursik (PowerPlant Chemistry GmbH)
N.N.
In this session, the extent of the chemistry on-line instrumentation in and the needs of combined cycle plants will be dealt with. Particular attention will be called to organics and their decomposition products.
- 12:30 p.m. Lunch
2:00 p.m. Session "Experience and Open Floor Discussion"
In this session, reports on experience, boiler tube failures, new monitoring techniques, and alternative cycle chemistries will be presented by utilities, industrial power producers, suppliers, and other seminar attendees.
- Do not miss this unique possibility to discuss your problems with leading industry experts!**
- 3:30 p.m. Coffee Break
4:00 p.m. Session "Experience and Open Floor Discussion" – Continuation
5:00 p.m. Seminar Closure and Final Remarks



Seminar Objectives

Boiler tube failures are the leading cause of forced outage in the conventional fossil plant utility industry and in the industrial power generation. Heat recovery steam generator tube failures are already the major cause of damage in the newer multiple pressure combined power plants.

The most important damage cause appears to be flow-accelerated corrosion, under-deposit corrosion, corrosion, corrosion fatigue, and thermal fatigue.

Who should attend

This seminar will be of major interest to utility engineers and chemists, designers and operators of combined cycle plants and industrial heat recovery systems, equipment manufacturers, consulting organizations, architects and engineers, and specialists of technical supervision organizations (e.g., TÜV, Test Houses).

Registration Form COMBINED CYCLES AND HEAT RECOVERY STEAM GENERATORS

February 6–7, 2002
Stadthalle Hockenheim, Hockenheim, Germany

Please print or attach a business card.

Name

Preferred name for nametag

Address

City

State

ZIP

Phone

Fax

E-mail address

Method of payment (check the appropriate box):

- credit transfer to Volksbank Speyer, Account No. 3009300, BLZ 54790000, SWIFT Code GENODE 61SPE, money transfer fees prepaid
- a check made out to PowerPlant Chemistry (German banks only). If I use a check from a non-German bank, I will add 10 € to the amount due to cover additional bank fees, or
- credit card (tick which card).

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To register via e-mail, send information to: editor@ppchem.net