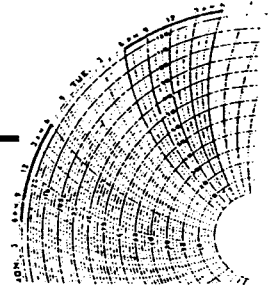




ISA—The Instrumentation, Systems,
and Automation Society

ORANGE COUNTY SECTION
www.isa.org/~oranc/



CHART

January 2003

CONTINUOUS MONITORING OF STEAM PURITY IN POWER PLANTS

Speaker: Joe Covey, Emerson Process Management

PROGRAM

The steam turbine is easily the most valuable piece of equipment in a power plant. Yet, it is under constant attack by trace contaminants in the steam driving it. Approximately 25 percent of annual turbine outage hours are the result of corrosion-induced blade failures. Joe will discuss how even a few parts per billion of contaminants in the steam can cause corrosion in a turbine. He will also describe the basic ways of controlling steam purity and the on-line instrumentation used to monitor steam purity.

SPEAKER

Joe Covey worked more than 18 years in the steam power industry before joining Emerson Process Management, Liquid Division about six years ago. He spent most of his years in the power industry as the supervisor of the central analytical chemistry laboratory for a large west coast utility. He has a master's degree in chemistry.

SPONSORS

Honeywell

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MEETING HIGHLIGHTS

Check out our web site: www.isa.org/~oranc/

Date:

Wednesday, January 8, 2003

Place:

Park Place CN-150 (37-150)
3353, Michelson Drive
Irvine, CA 92612

Time:

Social Hour Begins- 5:00 p.m.
Technical Program- 5:45 p.m.

UPCOMING EVENT:

February 13

"Desalination Using
Reverse Osmosis Systems"