



# Project Summary

## Proceedings: 1989 Joint Symposium on Stationary Combustion NO<sub>x</sub> Control, San Francisco, CA, March 6-9, 1989, Volumes 1 and 2

Claudia Runge, Compiler

**The 1989 Joint Symposium on Stationary Combustion NO<sub>x</sub> Control was held March 6-9, 1989, in San Francisco, California. This symposium, jointly sponsored by EPRI and EPA, was the fifth of its kind devoted solely to the discussion of control of NO<sub>x</sub> emissions from stationary sources. Specific topics discussed included low-NO<sub>x</sub> combustion developments such as burner design modifications and reburning; coal-, oil-, and gas-fired boiler applications; flue gas treatment processes; fundamental combustion studies; and industrial and commercial applications. Also presented were manufacturers' updates of commercially available technology and an overview of environmental issues involving NO<sub>x</sub> control.**

***This Project Summary was developed by EPA's Air and Energy Engineering Research Laboratory, Research Triangle Park, NC, to announce key findings of the research project that is fully documented in a separate report of the same title (see Project Report ordering information at back).***

### The Symposium

The 4-day meeting was attended by persons from 14 nations. More than 50 papers were presented by EPRI and EPA staff members, utility company representatives, boiler and related equipment manufacturers, research and devel-

opment groups, and university representatives.

The Proceedings of the 1989 Joint Symposium are compiled in two volumes. Volume 1 contains papers from Sessions 1-5:

- Session 1: Background
- Session 2: Combustion NO<sub>x</sub> Developments I
- Session 3: Combustion NO<sub>x</sub> Development II
- Session 4: Manufacturer's Update
- Session 5A: Advanced Combustion Technology
- Session 5B: Incineration

Papers from Sessions 6-9 are contained in Volume 2:

- Session 6A: SCR Coal Applications
- Session 6B: Fundamental Combustion Research
- Session 7A: Post Combustion NO<sub>x</sub> Control Development
- Session 7B: Fundamental Combustion Research
- Session 8: New Developments
- Session 9: Oil and Gas Combustion Applications

Also included in both volumes is an Appendix listing Symposium attendees.